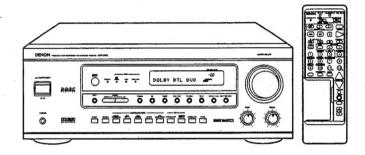
DENON

Hi-Fi AV Surround Receiver

SERVICE MANUAL MODEL AVR-2700

AV SURROUND RECEIVER



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• Some illustrations using in this service manual are slightly different from the actual set.

NIPPON COLUMBIA CO., LTD.

SAFETY PRECAUTIONS

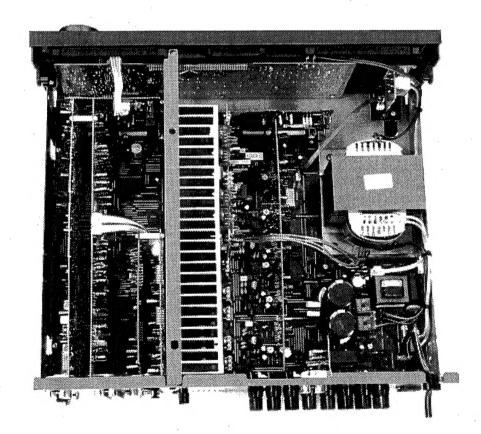
The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

WIRE ARRANGEMENT

In case of wires require unclasping or loosening to move the location the perform adjustment or part replacement, be sure to rearrange them neatly to restore properly in the same location as they were originally placed, or causing to produce a noise may occasionally occur.

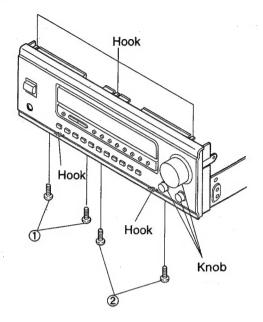


DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

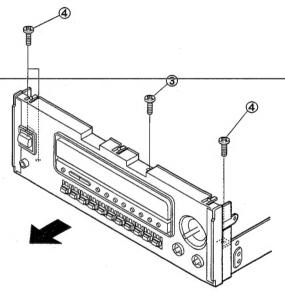
Front Aluminium Panel

- 1. Pull out 3 Knobs.
- 2. Remove 4 screws ① and ②.
- 3. Unfasten 3 upper hooks and 2 lower hooks.



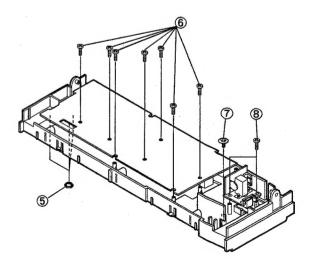
Front Mold Panel

- 1. Remove 4 screws 3, 4.
- 2. Detach the Front Mold Panel straightforward in the arrow direction as it connects with connectors.



• Disassembling P.W.Board

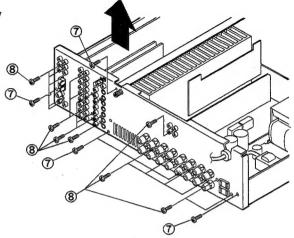
3. Remove 3 nuts (5) and 10 screws (6), (7), (8).



Tuner/Vr, Audio In/DSP, Video and S-Video

1. Remove 28 screws 7,8.

2. Disconnect the connector, pulling the objective Unit in the arrow direction.



Amp Unit

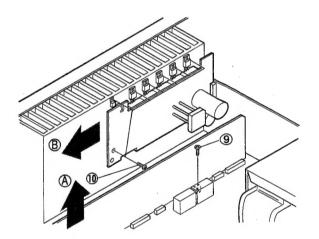
1. Remove 1 screws 9.

2. Disconnect from the connector, pulling the Amp Unit in the arrow direction (A).

Regulator Unit

1. Remove 7 screw 10.

2. Disconnect from the connector, pulling the Regulator Unit direction B.



When Maintenance for Control Unit (1U-3107-1)

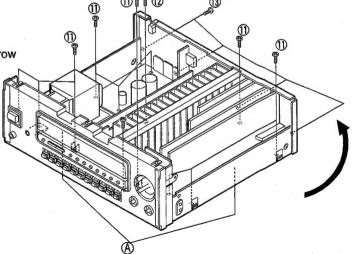
and Power Unit (1U-3108-1)

1. Unfasten the Front Alminium Panel.

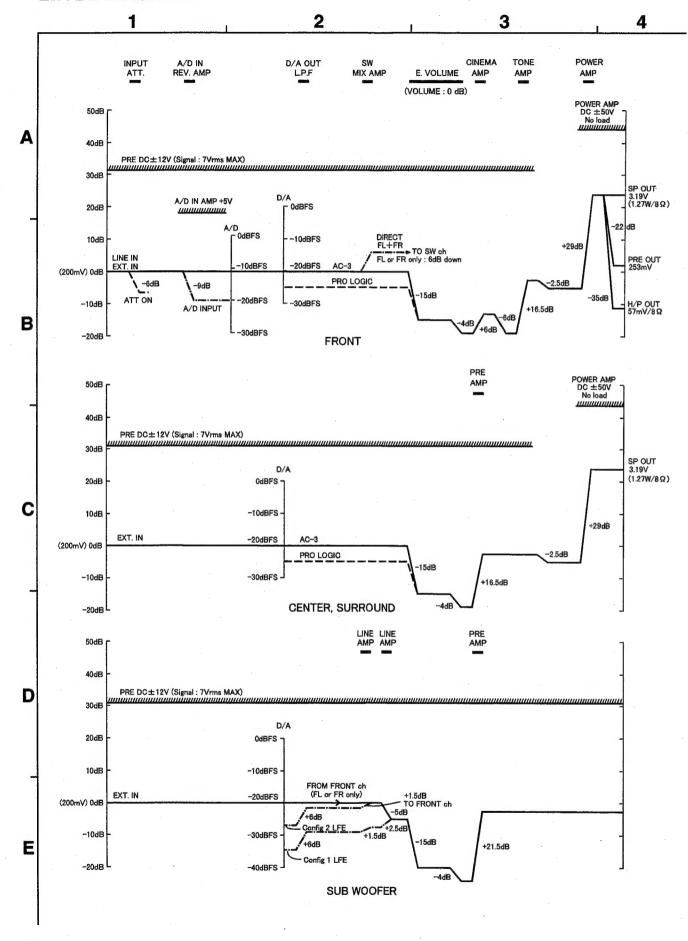
2. Remove 17 screws (1), (12), (13). 3. Unfasten the hooks of Holder (A).

4. Then separate Chassis only, and by standing it in the arrow

direction, it is possible to check with power on.



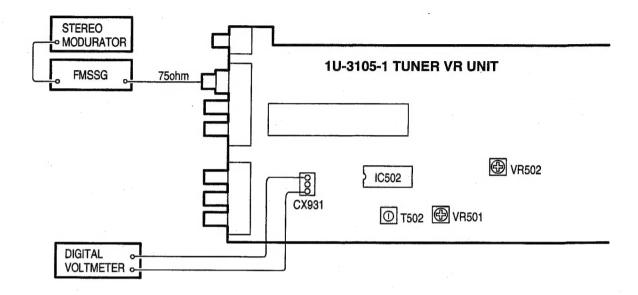
LEVEL DIAGRAM



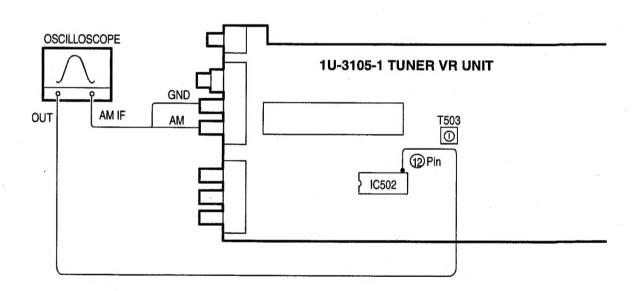
ADJUSTMENT

Tuner Section CONNECTION DIAGRAM OF MEASURING INSTRUMENTS

FM



AM



FM/	FM/MPX ALIGNMENT	IENT										
		Tuning			Input			Output	put	Adj	Adjust	
Step	Alignment	Frequency Setting	Туре	Frequency	Input Level	Modulation	Coupling	Туре	Connect to	Points	Adjust to	Remarks
-	Tuning Center	98.1 MHz	FM SSG	98.1 MHz	60 dB?	None	Antenna Terminal	Digital Voltmeter	CX931	T502	7m05±	Function: FM Mode: Auto
N	Separation	98.1 MHz	FM SSG	98.1 MHz	60 dB?	Stereo (L) 1KHz 100%	Antenna Terminal	AC Voltmeter	AUDIO OUT Terminal (R)	VR502	Maximum Separation	ı
ဇာ	Signal Level	98.1 MHz	FM SSG	98.1 MHz	20 dB?	JJO	Antenna Terminal	· ·	1	VR501	Light "TUNED" FLD Character	1

AM /	AM ALIGNMENT							
	Alignment			Output	put		Adjustment	
Step		Frequency	Input	Type	Connect to	Points	Adjust to	Remarks
,	1		IF SWEEP	Occillosopo ICEO 19Bin	ICE02 12Bin	TEOS	Maximum height and best	
_	Ŀ	I	(input level is not over to work A.G.C.)	Cacilloscope	ICOUR IZEIII	500	symmetry curve	

Audio Section

Idling Current (1U-3108-1)

Required measurement equipment: DC Voltmeter

Arrengement

- (1) Avoid direct blow from an air conditioner or an electric fan, and adjust the unit at normal room temperature 15 °C ~ 30 °C (59 °F ~ 86 °F).
- (2) Presetting
 - POWER (Power source switch)
- → OFF
- BASS, TREBLE (Tone control)
- → FLAT: (Controls to center)
- SPEAKER (Speaker terminal)
- → No load (Do not connect speaker, dummy resistor, etc.)

Adjustment

- (1) Remove top cover and set VR501, VR502, VR503, VR504, VR505, on 1U-3108-1 (Power Unit) at counterclockwise () fully.
- (2) Connect DC Voltmeter to test points (FRONT-Lch: TP501, FRONT-Rch: TP502, CENTER ch: TP505, SURROUND-Lch: TP503, SURROUND-Rch: TP504).
- (3) Connect power cord to AC Line, and turn power switch "ON".
- (4) Presetting.

MASTER VOLUME : "---" counterclockwise (min.)

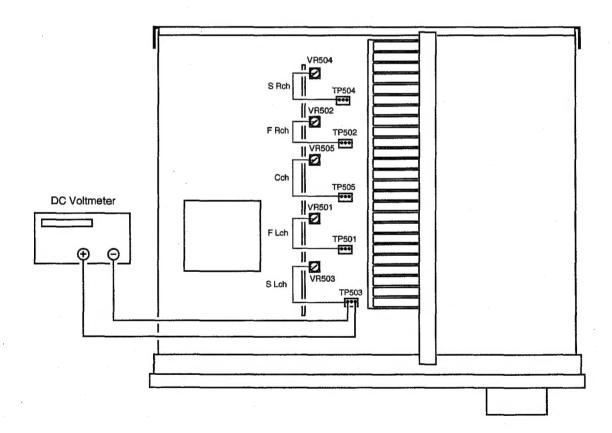
MODE

: 5CH STEREO

FUNCTION

: CD

- (5) Allow 2 minutes, and turn VR501 clockwise () and adjust the TEST POINTS voltage to 1.5 mV ±0.5 mV DC.
- (6) After 10 minutes from preset, turn VR501 to set the voltage to 3 mV ±0.5 mV DC.
- (7) Adjust the Variable Resistors of other channels in the same way.



FUNCTION OF NEW CIRCUIT

Circuit Description

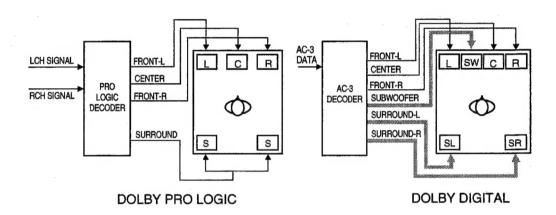
DOLBY DIGITAL (AC-3)

DOLBY DIGITAL (AC-3) is a format of new surround signal reproduces maximum 5 channels, i. e. FRONT-LEFT, -RIGHT, CENTER and SURROUND-LEFT, -RIGHT ;plus exclusive subwoofer signal (0.1 ch), totally 5.1 channels from the exclusive digital signal.

Following are the featuring points of DOLBY DIGITAL (AC-3).

- (1) Makes surround channel into stereo.
- (2) Provides optimum separation due to independent processing of each channel signal. (DOLBY DIGITAL: More than 80 dB, PRO LOGIC: Approx. 25~40 dB)
- (3) Resultant surpassed orientation feeling and movement feeling obtained from flat frequency characteristic. (DOLBY DIGITAL: 20Hz~20kHz all channels, PRO LOGIC: 20 Hz~20 kHz FRONT, CENTER channels 20 Hz~7 kHz SURROUND channels)
- (4) With the high-efficient signal coding technique, one digital cable permits transmission maintaining the above features.

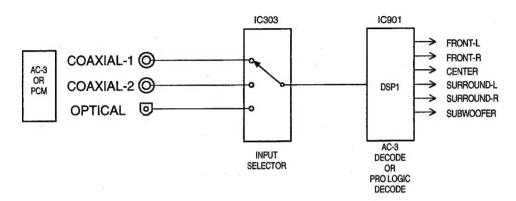
Comparative Diagram of PRO LOGIC and DOLBY DIGITAL



The DOLBY DIGITAL (AC-3) input signal is a composite signal composed of universal optical or coaxial digital format (IEC958) and "AC-3 exclusive" digital signal. It is connected in the same way as ordinary optical or coaxial digital signal connection. AVR-2700 adapts itself to the DOLBY DIGITAL (AC-3) or other signal (PCM) automatically corresponding to the signal inputted. The applied signal to each input terminal is delivered to DSP (IC901) through input selector (IC303) and executed Dolby digital decode processing. The DOLBY DIGITAL (AC-3) data and PCM data are transferred on a common signal line.

DSP (IC901) performs AC-3 decoding process, DOLBY PRO LOGIC process and PCM digital process and PCM digital process by shifting. Decoded signal to each channel after passed through DSP1 (IC901) is D/A converted and delivered to volume control.

Block Diagram of AC-3, PCM Input Section



CONTROL ADVISABILITY OF EACH MODE

JOHITHOL AD	11071												
	FRONT L LEV.	FRONT R LEV.	CENTER LEVEL	SURROUND L LEVEL	SURROUND R LEVEL	S. WOOFER LEVEL	INPUT ATTENUATOR	ROOM SIZE	EFFECT LEVEL	DELAY TIME	CINEMA EQ.	D. COMP.	TEST TONE
DIRECT	0	0	Х	Х	Х	O *3	O * 4	Х	Х	Х	Х	O * 5	
STEREO	0	0	х	Х	Х	O *3	O *4	Х	Х	Х	X	O * 5	ļ i
6CH EXT, IN	0	0	O * 1	O*2	O*2	O *3	Х	Х	Х	Х	Χ	X	
5CH STEREO	0	0	0*1	O *2	O * 2	O *3	O *4	Х	Х	Х	Х	Х	
DOLBY AC-3 or DOLBY PROLOGIC	0	0	O *1	O *2	O *2	○*3	O * 4	Х	х	Х	0	O * 5	○*6
MONO MOVIE	0	0	O *1	O *2	O*2	O *3	O *4	0	0	Х	X	Х]
ROCK ARENA	0	0	O *1	O*2	O *2	O *3	O ** 4	0	0	Х	Х	Х	
JAZZ CLUB	0	0	O * 1	O * 2	O * 2	○*3	O ** 4	0	0	Х	X	X	
VIDEO GAME	0	0	O * 1	O*2	O *2	O *3	O *4	0	0	Х	Х	Х	
MATRIX	0	0	0*1	O *2	O *2	O *3	O %4	Х	Х	0	Х	X	

O: Feasible to control

X : Infeasible to control

- O%1: According to the contents of set up menu, when no center speaker is provided, with no controlling and sets ○○ data to center electronic volume.
- O*2: According to the contents of set up menu, when no surround speaker is provided, with no controlling and sets ○○ data to surround electronic volume.
- O#3: According to the contents of set up menu, when no woofer is provided, with no controlling and sets ○○ data to woofer electronic volume.
- O*4: Feasible to control only at analog input. Note that, this function corresponds to each input channel.
- 〇米5: Feasible to control only at AC-3 input.
- O#6: Feasible to control TEST TONE in all modes of set up menu.

Additional note: Each mode's FRONT/CENTER/SURROUND/S. WOOFER DELAY should be set according to the setting contents of delay time for set up menu.

DIGITAL/ANALOG, SURROUND MODE IN EACH INPUT FUNCTION AND INITIAL SETTING OF DIGITAL FUNCTION

INPUT FUNCTION	DIGITAL/ANALOG	SURROUND MODE	DIGITAL FUNCTION
PHONO	FORCED ANALOG	STEREO	INFEASIBLE TO SET
CD	ANALOG	STEREO	COAXIAL-1
TUNER	FORCED ANALOG	STEREO	INFEASIBLE TO SET
DVD/VDP	ANALOG	DOLBY PRO LOGIC or DOLBY DIGITAL	OPTICAL-1
TV/DBS	ANALOG	STEREO	COAXIAL-2
VCR-1	ANALOG	DOLBY PRO LOGIC	OFF
VCR-2/V.AUX	ANALOG	STEREO	OFF
MD/TAPE	FORCED ANALOG	STEREO	INFEASIBLE TO SET

INITIAL SETTING OF EACH MODE

	FRONT L LEV.	FRONT R LEV		SURROUND L LEVEL	SURROUND R LEVEL	S. WOOFER LEVEL	INPUT ATTENUATOR	ROOM SIZE	EFFECT LEVEL		CINEMA EQ	D. COMP. ** 1
DIRECT	0 dB	0 dB	_	_	_	0 dB	_	-	_	_	_	OFF
STEREO	0 dB	0 dB	_	-	_	0 dB	0 dB	_	_		_	OFF
6CH EXT. IN	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB					_	
5CH STEREO	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	-				
DOLBY AC-3 or DOLBY PROLOGIC	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	_	_		OFF	OFF
MONO MOVIE	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	MED	10			
ROCK ARENA	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	MED	10	_		
JAZZ CLUB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	MED	10			
VIDEO GAME	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	MED	10			
MATRIX	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB			30m sec		

*1: Conditions in case for setting AC-3 data to ZR38600.

Others: • Set TAPE MONITOR to OFF.

- Set VIDEO SELECT to OFF.
- Set MASTER VOL to ∞.
- Each input should be set to analog input.
- Set TEST TONE to OFF.
- In case DEFAULT is selected for SURR. PARAMETERS setting menu, sets the appropriate parameter of ROOM SIVE, EFFECT LEVEL, DELAY, CINEMA, D. COMP FRONT LEVEL, CENTER LEVEL, SURR LEVEL, SW LEVEL to the initial value of above table.

SEMICONDUCTORS

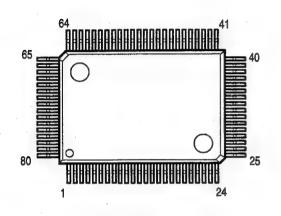
● IC's

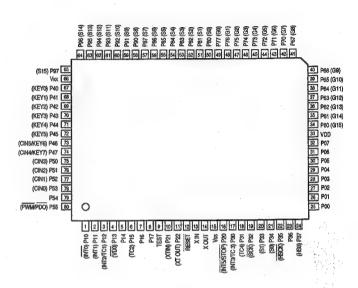
Note: Indications before IC numbers denote P.W.B. name.

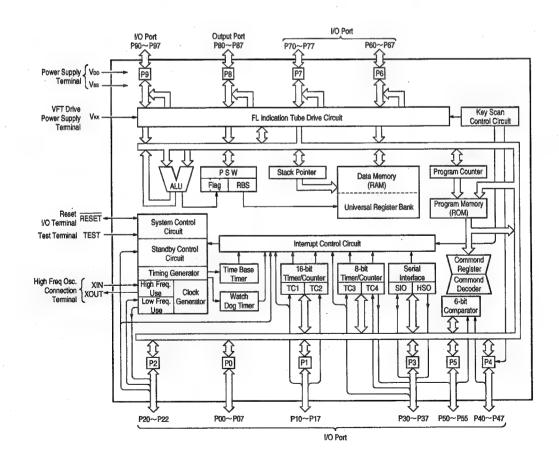
TU: Tuner, Volume, Amp Unit
VI: Video, Display Unit
CO: Control, Power Unit
PA: Power Amp Unit

AU : Audio in, DSP Unit

TMP87CS71F-**** (CO: IC113)







	6/C3/1F-	**** (IC113) Ter	mina	run	Ction		·		
Pin No.	Port Name	Symbol	1/0	Туре	Ор	Det	Res	Init	Function
1	P10/INT 0	PROTECTION IN		_	Eu	E&L	Z	_	Protection detecting input. (L: Detection)
2	P11/INT 1	DSP CLK IN	1		Eu	Ed	Z	_	DSP control terminal.
3	P12/INT 2	RDS START			Eu	Ed	Z	Н	RDS data input (LC7074). *E2 model only.
4	P13/DVO	STEREO/MONO	0	С	_	-	Z	L	STEREO/MONO control signal. (L: STEREO receiving)
5	P14	PLL-ST	0	С	_	1-	Z	L	LM72131 control output.
6	P15/TC2	TAPE MONITOR	0	С	_		Z	Н	Tape monitor control output. (H: Tape monitor ON).
7	P16	INPUT ATT	0	С	_	_	Z	Н	Input attenuate control terminal. (L: 6dB attenuate).
8	P17	TUNED SIGNAL	ı		Eu	Lv	Z	_	Tuning detection. (L: Tuning)
9	TEST	TEST		-	GND	S	_	_	Connect to ground.
10	P21/XTIN	STEREO SIGNAL	-		Eu	Lv	Z	_	STEREO control signal. (L: STEREO receiving)
11	P22/XTO	SCL.	0	N	Eu	_	Z	Н	MAIN-SUB microcomputer communication control terminal.
12	RESET	RESET	-	_	Eu	Lv	L	_	Reset input.
13	XIN	XIN	-			_	_	_	Oscillator circuit terminal. (4MHz)
14	XOUT	XOUT	0	_	_	_	_	_	Oscillator circuit terminal. (4MHz)
15	VSS	VSS	1	_	GND	_	_	_	Ground.
16	P20/INT 5	POWER OFF	1	_	Eu	Lv	Z	_	Power OFF detection terminal. (L: Power OFF)
17	P30/INT 3	REMOCON		_	Ed	E&L	Z		Remote signal input.
18	P31/TC4	SDA	0	N	Eu	S	Z	Н	MAIN-SUB microcomputer communication control terminal.
19	P32/SCK	RDS CLK	ı	_	_	S	Z		RDS clock input (LC7074), *E2 model only.
20	P33/SI	RDS DATA	1	_	_	S	Z		RDS data input (LC7074). *E2 model only.
21	P34/SO	RDS RES	0	N	Eu		Z	Н	RDS reset output (LC7074). *E2 model only.
22	P35/HSCK	OSD CLK	0	N	Eu	S	Z	Н	OSD control output. (M35015)
23	P36	OSD CS	0	N	Eu	_	Z	Ĥ	OSD control output. (M35015)
24	P37/HSO	OSD DATA	0	N	Eu	S	Z	L	OSD control output. (M35015)
25	P00	OSD RES	Ö	С	_	_	Z	Н	OSD control output. (M35015)
26	P01	FL RES	0	С	_	_	Z	L	Fluorescent display control output. (LC75711NE)
27	P02	FLPL DATA	0	С	_	S	Z	Н	Fluorescent display & PLL control output. (LC75711NE & LC72131)
28	P03	FLPL CLK	0	С	_	S	Z	Н	Fluorescent display & PLL control output. (LC75711NE & LC72131)
29	P04	FUNC ST2	0	С	_	_	Z	L	Function control output. (NJU7313AL) 5.1CH decoder.
30	P05	FUNC CK	0	С	_	s	Z	L	Function control output. (TC9273N, NJU7313AL)
31	P06	FUNC DATA	0	С	_	S	Z	L	Function control output. (TC9273N, NJU7313AL)
32	P07	FUNC ST1	0	С	77.	_	Z	L	Function control output. (TC9273N).
33	VDD	VDD	1	_	_	_	_	_	Connect to +5V power supply.
34	P60	E. VOL CE2	0	Р	ld	_	L	L	Electronic volume control output. (LC7536) (Center/Sub woofer, Surround L/R)
35	P61	E. VOL CE1	0	Р	ld		L	L	Electronic volume control output. (LC7536) (Front L/R)
36	P62	E. VOL CK	0	Р	ld	_	L	Н	Electronic volume control output. (LC7536)
37	P63	E. VOL DATA	0	Р	ld		L	Н	Electronic volume control output. (LC7536)
38	P64	CINEMA EQ	0	Р	ld		L	Н	Cinema Eq control output. (H: ON)
39	P65	ERR MUTE	0	Р	ld	_	L	Н	Pop noise prevention control terminal. (H: Power ON)
40	P66	96DET	1	_	ld	_		L	Sampling frequency detection terminal. (H: 96kHz)
41	P67	SELCK	0	Р	ld	_	L	Н	DIR control terminal. (CS8414) (H: Digital, L: Analog)
42	P70	TUNER MUTE	0	Р	ld		Н	Н	Tuner mute output. (H: Mute)
43	P71	SEL	0	Р	ld	-	L	Н	DIR control terminal. (CS8414)
44	P72	FL CE	0	Р	Id	_		Н	Fluorescent display control output. (LC75711NE)
45	P73	STANDBY LED	0	Р	ld	_	L	Н	Standby indication LED drive output. (H: Lighting)
46	P74	DOLBY DIGITAL LED	0	Р	ld	_	L	L	Dolby Digital indication LED drive output. (H: Lighting)
47	P75	LOCK LED	0	Р	ld	_	L	L	Lock indication LED drive output. (H: Lighting)
48	P76	OVER LOAD LED	0	Р	ld	_	L	L	Over load indication LED drive output. (H: Lighting)
49	P77	VOL MUTE	0	Р	ld	_	L	L	Control signal at minus infinite of master volume. (L: infinite)
50	P80	SW-MUTE	0	Р	ld	_		Н	Subwoofer mute output. (L: Mute)
51	P81	SP-A	0	Р	ld	_	L	Н	Front speaker relay control output. (L: Mute)
52	P82	RL-C	0	Р	ld	= 1	L	Н	Center speaker relay control output. (L: Mute)
53	P83	RL-S	0	Р	ld	_	L	\rightarrow	Surround speaker relay control output. (L: Mute)
54	P84	H/P MUTE	0	Р	id	_	ī		Headphone relay control output. (L: Mute)
55	P85	DIRECT	0	Р	ld			Н	Direct relay control output. (H: Direct)
				للسند				٠. ١	out out output (i i Dilout)

					_			1	
Pin No.	Port Name	Symbol	1/0	Туре	Ор	Det	Res	Ini	Function
56	P86	POWER	0	Р	ld		L	Н	Power supply relay control output. (H: ON)
57	P87	AC-3 MUTE	0	Р	ld		L	Н	Digital mute control terminal (L: AC-3).
58	P90	OVL	ı		ld		L	_	Over load detecting input. (H: Over load)
59	P91	AC-3 DET.	ı	_	ld	_	L	_	AC-3 decode data input terminal. (L: AC-3 decode)
60	P92	F0	1	_	_	_	L	;	DIR control input terminal. (CS8414)
61	P93	F1	Т		_	_	L		DIR control input terminal. (CS8414)
62	P94	F2	T			_	L		DIR control input terminal. (CS8414)
63	P95	CSI	ī	_	ld		L		DIR control input terminal. (ZR38600) (L: PCM)
64	P96	ERR	- 1	- 1	ld		L	_	DIR control input terminal. (ZR38600) (H: ERR)
65	P97	S1	0	Р	ld		L	Н	Video signal switching control output.
66	VKK	VKK	- 1	_		_	_	_	Connect to ground.
67	P40/KEY0	S-MONITOR DET.	-	_	Eu	Lv	Z	_	Judgment whether S monitor is connected or not. (L: Connecting)
68	P41/KEY1	S-SIGNAL DET.	-	-	Eu	Lv	Z	_	S signal input control. (H: S signal input)
69	P42/KEY2	OSD SYNC DET.	_	_	Eu	Lv	Z		OSD sync switching signal. (H: External sync)
70	P43/KEY3	MVOL SELB	1	_	Eu	Lv	Z	Н	Master volume setting signal. (Rotary encode)
71	P44/KEY4	MVOL SELA	ı	_	Eu	Lv	Z	Н	Master volume setting signal. (Rotary encode)
72	P45/KEY5	S2	0	N	Eu	_	L	in this	Video signal switching control output.
73	P46/CIN5	MODE	1		Eu	Lv	Z		Export country mode switching input.
74	P47/CIN4	DAC PD	0	N	Eu	_	L		DAC power down control terminal. (L: Power down).
75	P50/CIN3	KEY4	1	_	Eu	Lv	Z	Н	Key input 4.
76	P51/CIN2	KEY3	1	_	Eu	Lv	Z	Н	Key input 3.
77	P52/CIN1	KEY2	ı	_	Eu	Lv	Z	Н	Key input 2.
78	P53/CIN0	KEY1	- 1	_	Eu	Lv	Z	Н	Key input 1.
79	P54	SUB SYNC 1	1	_	Eu	Lv	Z	Н	SUB microcomputer sync input.
80	P55/PMW	SO/ZORAN	ı	_	Eu	Lv	Z	Н	DSP data input terminal. (ZR38600)

NOTE:

Port Name

Pin No. : Terminal number of microcomputer.

: The name entered in the data sheet of microcomputer.

Symbol : Symbolized interface function.

I/O : input or out of part.

1" = Input port

"O" = Output port

Type : Composition of port in case of output port.

"C" = CMOS output

" N^n = NMOS open drain output

"P" = PMOS open drain output

Op : Pull up/Pull down selection information.

"lu" = Inner microcomputer pull up

"Id" = Inner microcomputer pull down

"Eu"= External microcomputer pull up

"Ed"= External microcomputer pull down

Det : Indicates judging state of input port. Level detection is "LV"; Edge detection is "Ed"; Detection by both shifting is "E&L";

Serial data detection is "S" (Serial data output is also "S").

Res : State at reset.

"H" = Outputs High Level at reset

"L" = Outputs Low Level at reset

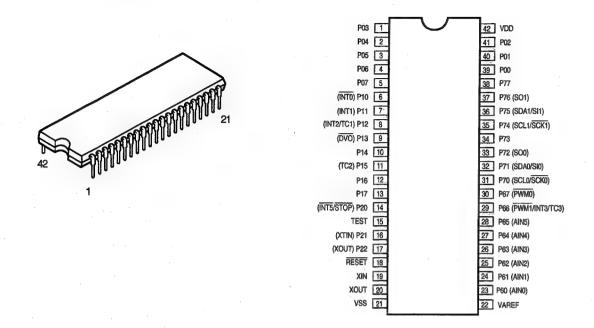
"Z" = Becomes High impedance mode at reset

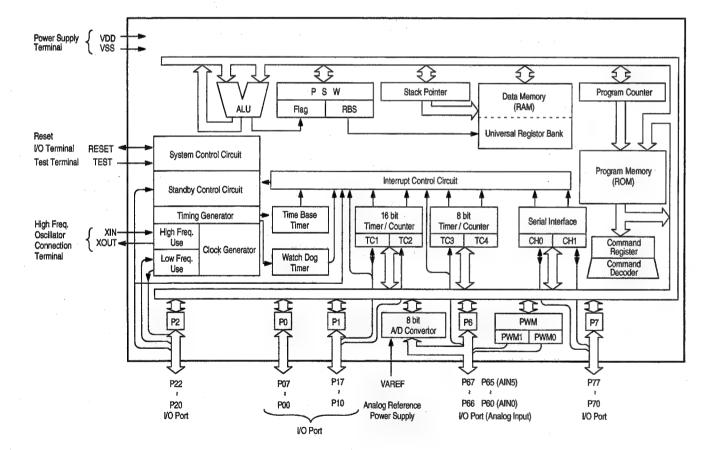
Ini : Initial output state.

Function : Function and logical level explanation of signals to be interface.

•

TMP87CM43N-**** (AU: IC903)

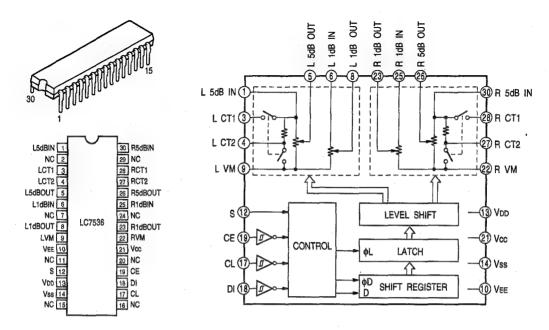




TMP87CM43N-*** Terminal Function

Pin No.	Port Name	Symbol	1/0	Туре	Ор	Det	Res	Ini	Function
1	P03	DSP POWER	0	С			L	L	DSP power supply control output (H: ON).
2	P04	DSP RES	0	c			Z	Н	DSP control terminal (ZR38600) (L: reset).
3	P05	DSP DATA	0	C		S	Z	Н	DSP control terminal (ZR38600).
4	P06	DSP SS	0	c			Z	L	DSP control terminal (ZR38600).
5	P07	DSP CLK	0	С		S	Z	Н	DSP control terminal (ZR38600).
6	P10/INT 0	DIN B	0	C		0	Z	L	Digital input control terminal (TC74HC151).
7	P11/INT 1	DINC	0	С			Z	L	Digital input control terminal (TC74HC151).
8	P12/INT 2	DFS 2	0	C			Z	L	DAC emphasis control terminal.
9	P13/DV0	DFS 1	0	С			Z	Н	DAC emphasis control terminal.
10	P14	FGAIN	0	0			Z	Н	Gain selection control terminal.
11	P15/TC2	TGAIN	0	С	_	_	Z	L	Gain selection control terminal.
12	P16		0	C			Z		
13	P17		0	C	_		Z	L	
14	P20/INT 5		0	N	_		Z	L	
15	TEST	TEST	_	IV	GND			<u>L</u>	Command with CAUD
16	P21/XTIN	IESI	1		GND		_	<u> </u>	Connect with GND.
17	P22/XT0		-		-		Z	L	Connect with GND.
	RESET	RESET	-		<u> </u>		Z	L	Connect with GND.
18	XIN				Eu	Lv	ᆫ		Reset input.
19		XIN		_			_		Oscillator circuit (4 MHz).
20	XOUT VSS	XOUT	0			_	\dashv	_	Oscillator circuit (4 MHz).
21		VSS	'		GND	_			Connect with GND.
22	VAREF	VAREF			GND		_	-	Connect with GND.
23	P60	A	0	N	Eu	_	Z	Ŀ	Video input control terminal (BA7625, BA7626) (L: Select).
24	P61	В	0	N	Eu		Z	L	Video input control terminal (BA7625, BA7626) (L: Select).
25	P62	С	0	N	Eu		Z	L	Video input control terminal (BA7625, BA7626) (L: Select).
26	P63	D	0	N	Eu		Z	L	Video input control terminal (BA7625, BA7626) (L: Select).
27	P64	E	0	N	Eu		Z	L	Video input control terminal (BA7625, BA7626) (L: Select).
28	P65				_		Z	L	Connect with GND.
29	P66		1		_		Z	L	Connect with GND.
30	P67		1			_	Z	L	Connect with GND.
31	P70/SCL	SCL	- 1		Eu	S	Z	_	MAIN-SUB microcomputer communication control terminal.
32	P71/SDA	SDA	1		Eu	S	Z	_	MAIN-SUB microcomputer communication control terminal.
33	P72	SUB SYNC1	0	N	Eu	_	Z	Н	SUB microcomputer sync output.
34	P73	B. DOWN	1		Eu	Lv	Z	_	Detect for stoping power supply (L: stoping power supply).
35	P74		- 1	_	_		Z	L	Connect with GND.
	P75		1			_	Z	L	Connect with GND.
-	P76		1		_		Z	L	Connect with GND.
	P77		1		_		Z	L	Connect with GND.
	P00	A/D RES	0	С		_	Z	L	A/D control terminal (L: reset, H: analog input).
	P01		0	N	_		Z	L	
	P02	DIRECT	0	С	<u> </u>		Z	L	Direct mode control terminal (H: Direct).
42	VDD	VDD	1			_	Z		Connect with +5V.

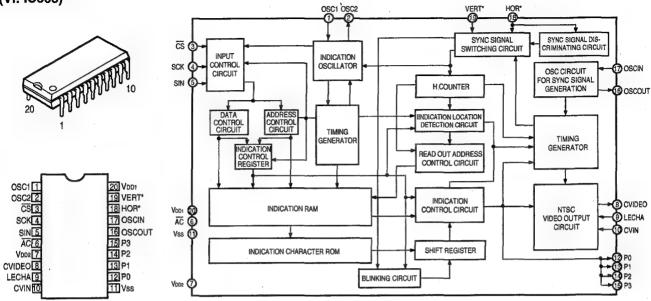
LC7536 (TU: IC101, 107, 108)



LC7536 Terminal Function

Pin No.	Symbol	1/0	Function
1	L 5dB iN	1.	Input terminal for 5dB step attenuator, it should be driven with low impedance path.
2	NC	_	No connection.
3	L CT1		For loudness control, connect a capacitor between CT1 and 5dB IN with high frequency compensation,
4	L CT2	7 ' '	and also connect a capacitor between CT2 and Vm with low frequency compensation.
5	L 5dBOUT	0	Output terminal for 5dB step attenuator with approx. 1Mohm load impedance.
6	L 1dBIN	1	Input terminal for 1dB step attenuator, it should be driven with low impedance.
7	NC		No connection.
8	L 1dBOUT	0	Output terminal for 1dB step attenuator with approx. 47kohm ~ 1Mohm load impedance.
9	LVM		Common terminal for volume control.
10	VEE		Connect to power supply.
11	NC	_	No connection.
12	S		Selection terminal for address code during data format.
13	VDD	1	Connect to power supply (Pay attention to the rising time so that Vcc does rise up faster than Vbb whe
13	V00		the power turns).
14	Vss	1	Connect to power supply.
15	NC	_	No connection.
16	NC	_	No connection.
17	CL		
18	DI] 1	Input terminal for controlling LC7536 serial data with 0 ~ 5V amplitude.
19	CE		
20	NC	-	No connection.
21	Vcc		Connect power supply (Pay attention to the rising time so that Vcc does not rise up faster than Vcc whe
<u> </u>	VCC		the power turns).
22	R V _M		Common terminal for volume control.
23	R 1dBOUT	0	Output terminal for 1dB step attenuator with approx. 47kohm ~ 1Mohm load impedance.
24	NC	_	No connection.
25	R 1dBIN		Input terminal for 1dB step attenuator, it should be driven with low impedance.
26	R 5dBOUT	0	Output terminal for 5dB step attenuator with approx. 1Mohm load impedance.
27	R CT2		For loudness control, connect a capacitor between CT1 and 5dBIN with high frequency compensatio
28	RCT1] '	and also connect a capacitor between CT2 and Vm with low frequency compensation.
29	NC	_	No connection.
30	FI SdBIN	1	Input terminal for 5dB step attenuator, it should be driven with low impedance path.

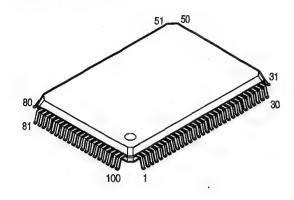
M35015-204SP (VI: IC308)

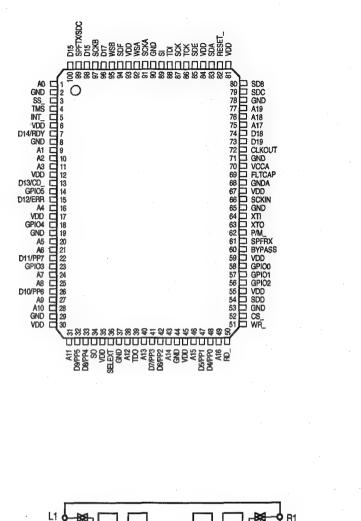


M35015-204SP Terminal Function

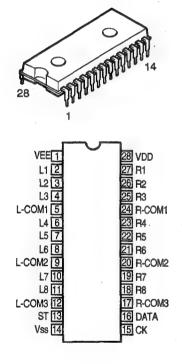
Pin No.	Symbol	Name	1/0	Function
1	OSC1	Osc. circuit ext.	I	External terminal for indication oscillator circuit. Standard OSC. freq. is approx. 7MHz.
2	OSC2	terminal.	0	With this OSC. freq., decides horizontal indicatin and character width.
3	CS	Chip select input	i	Chip select terminal and turns to "L" when transfer serial data. Hysteresis input. Pull up resistor is built-in.
4	SCK	Serial clock input	1	Takes in serial data of SIN at SCK rise when CS terminal is in "L". Hysteresis input. Pull up rersist is built-in.
5	SIN	Serial data input	1	Serial input of register for indication control and data, and address for indication data memory. Hysteresis input, Pull up rersistor is built-in.
6	ĀC	Auto-clear input	- 1	Resets internal circuit of IC at "L" mode. Hysteresi input, Pull up resistor is built-in.
7	VDD2	Power supply		Power supply terminal of analog system. Connect to +5V.
- 8	CVIDEO	Combined video output	0	Output terminal of combined video signal. Outputs 2Vp-p combined signal. Character output, etc. Overlap CVIN signal and outputs at superimpose.
9	LECHA	Character level input	ı	Input terminal deciding character output level in combined video signal. color of character is white.
10	CVIN	Combined video input	ı	Input terminal of external combined video signal. Character output etc. overlap this external combined video signal.
11	Vss	Ground	_	Ground terminal. Connect to GND.
12	P0	Output port p0	0	General output or character background signal BL NK1* output is switchable. Polarity can be selected at ROM mask.
13	P1	Output port P1	0	General output or character background signal CO1* output is switchable. Polarity can be selected at ROM mask.
14	P2	Output port P2	0	General output or character background signal BLNK2* output is switchable. Polarity can be selected at ROM mask.
15	P3	Output port P3	0	General output or character background signal CO2* output is switchable. Polarity can be selected at ROM mask.
16	OSCOUT	Ext. terminal	0	Terminal for external use of sync signal OSC. circuit. Use the freq.: 14.32MHz at NTSC
17	OSCIN	for sync sig. OSC. Circuit	1	system, 17.73MHz at PAL. system, 14.30MHz at MPAL system.
18	HOR*	Horizontal sync signal	I	Inputs horizontal sync signal. Hysteresis input.
19	VERT*	Vertical sync signal	_	Input vertical sync signal. Hysteresis input. Polarity can be selected at ROM mask.
20	VDD1	Power supply	1	Power supply terminal of digital system. Connect to +5V.

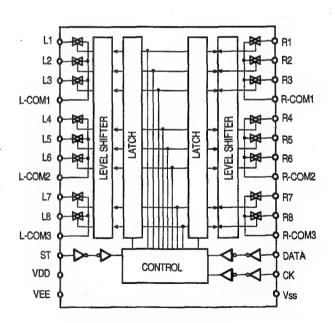
ZR38600 (AU: IC901)



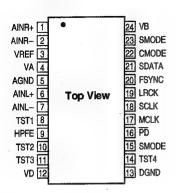


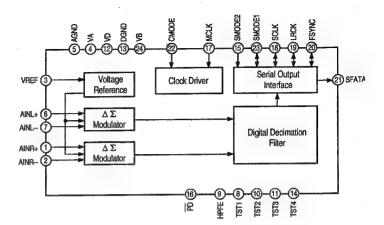
NJU7313AL (TU: IC705)





AK5351 (AU: IC854)

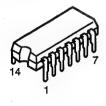


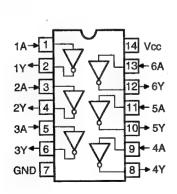


AK5351 Terminal Function

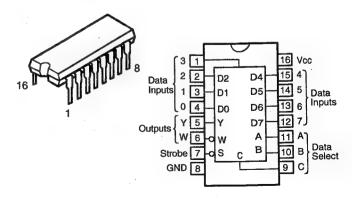
Pin No.	Symbol	1/0	Function	
1	AINR+	I	Rch analog non-inverted input pin.	
2	AINR-		Rch analog inverted input pin	
3	VREF	0	Vref. output pin (VA-2.6V)	
4	VA		Analog part power supply pin (+5V)	
5	AGND	_	Analog ground pin	
6	AINL+	I	Lch analog non-inverted input pin	
7	AINL-	-	Lch analog inverted input pin	
8	TST1		Test pin	
9	HPFE	1	Hi-pass filter enable pin, "H": ON, "L": OFF	
10	TST2		Test pin	
11	TEST3		Test pin	
12	VD		Digital part power supply pin (+5V)	
13	DGND		Digital ground pin	
14	TST4		Test pin	
15	SMODE2		nterface clock select pin	
16	PD		Power down pin, "L": power down mode	
17	MCLK		Master clock input pin, CMODE="H": 384fs, "L": 256fs	
18	SCLK	1/0	Serial data clock pin	
19	LRCK	1/0	Input channel select pin	
20	FSYNC	1/0	Frame sync clock pin	
21	SDATA	0	Serial data output pin	
22	CMODE	1	Master clock select pin, "H": MCLK=384fs, "L": 256fs	
23	SMODE2	1	Interface clock select pin	
24	VB	_	Bulk power supply pin (+5V)	

TC74HCU04AP (VI: IC307)

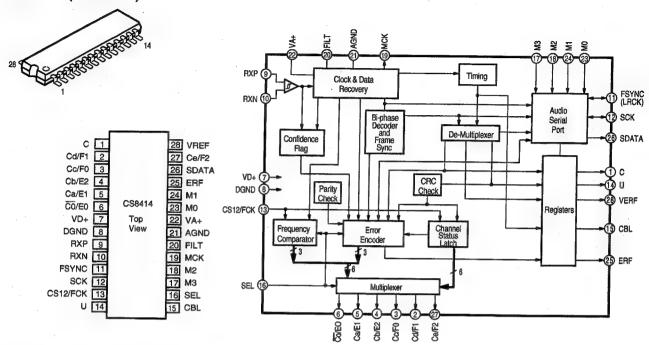




TC74HC151AP (VI: IC303)



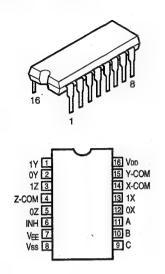
CS8414CS (AU: IC911)

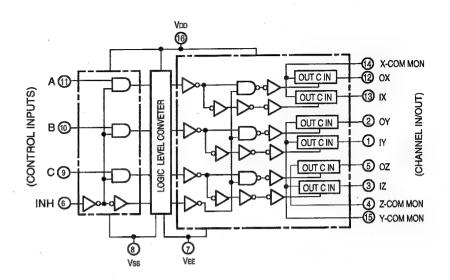


CS8414CS Terminal Function

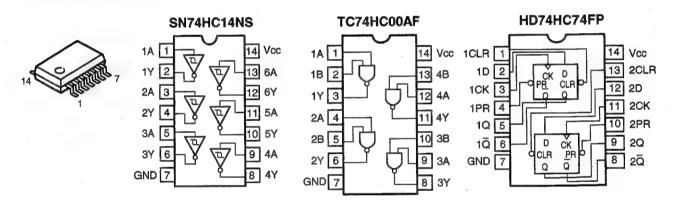
Pin No.	Symbol	1/0	Function	
1	С	I	C.S. bit input.	
2	Cd F1	0	C.S. bit output/Frequency indication (H: C.S. bit output, L: Frequency Indication).	
3	Cc F0	7 0	CO="0" in C.S. bit is for professional use, and CO="1" is for general use.	
4	Cd E2			
5	Ca E1	$\neg \circ$	C.S. bit output/Error indication (H: C.S. bit output, L: Error indication).	
6	C0/E0	7	CO="0" in C.S. bit is for professional use, and CO="1" is for general use.	
7	VD+	1-	Digital +5V power supply.	
8	DGND	_	Connect to digital ground.	
9	RXN			
10	RXP		Differential line receiver signal. Compatible with RS422.	
. 11	FSYNC	1/0	Frame sync signal.	
12	SCK	1/0	Serial clock signal, 32 clock is included with each audio sample in output status.	
	CS12/FCK		Channel selection/Reference frequency (H: Channel selection, L: Reference frequency).	
13			CS12 selects the channel output to C.S. terminal. "0" is for sub frame 1, and "1" is for sub frame2.	
			Input frequency can be detected by 6.144 MHz clock input to FCK.	
14	U	1	Jser (U) bit terminal.	
15	CBL	0	C.S. block output terminal.	
16	SEL	1	C.S. F2-F0, E2-E0 selection signal (H: C.S. bit output, L: Frequency/Error indication).	
17	M3			
18	M2	-	Serial port mode select signal	
19	MCK	1	Master clock signal (Low jitter clock output with 256 times of receiving frequency).	
20	FILT	1	Filter terminal, connect resistor 1kohm and capacitor 0.047 µF between this terminal and AGND.	
21	AGND	_	Connect to analog ground.	
22	VA+		Analog +5V power supply (Noise for this power supply should be minized as lower as possible since	
			affects jitter's performance of playback clock directly).	
23	MO	-	Serial port mode select signal.	
24	M1		Contai port mode select signal.	
25	ERF	0	Error flag aignal.	
26	SDATA	0	Serial data signal.	
27	Ce F2	0	C.S. bit output/Frequency indication (H: C.S. bit output, L: Frequency indication).	
æ1			CO="0" in C.S. bit is for professional use, and CO="1" is for general use.	
28	VERF	0	Parity and Error flag signal.	

TC4053BP (VI: IC402)

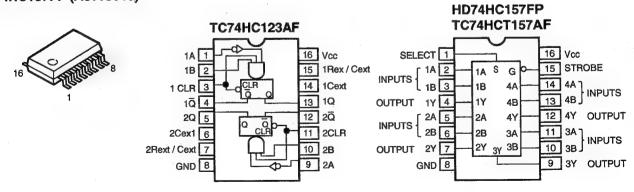




SN74HC14NS (AU: IC906) TC74HC00AF (AU: IC904) HD74HC74FP (AU: IC909)



TC74HC123AF (AU: IC905, 907) TC74HCT157AF (AU: IC908) HD74HC157FP (AU: IC910)



NJM2068DDC (VI: IC201) (CO: IC120)

OUTPUT-1
INVERTING
INPUT-1
VEE 4

OUTPUT-2

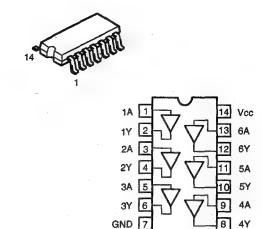
NON INVERTING
INPUT-2

NON INVERTING
INPUT-2

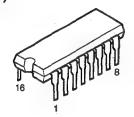
INVERTING
INPUT-2

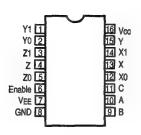
INVERTING
INPUT-2

TC74HCT7007AF (AU: IC902)



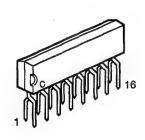
MC74HC4053N (VI: IC304)

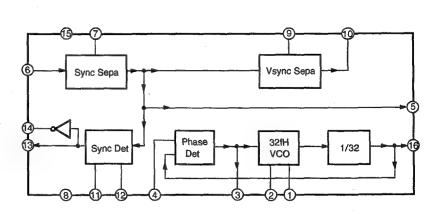




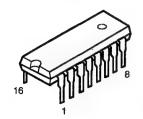
С						
	Select					
Enable	С	В	A	0	N Swi	tches
L	L	L	L	Z.0	Y0	XO
L	L	L	Н	ZO	Y0	X1
L	L	н	L	ZO	Y1	X0
L	L	н	Н	Z 0	Y1	X1
L	Н	L	L	Z1	YO	XO
[Н	L	н	Z1	Y0	X1
L	H	н	L	Z1	Y1	X0
L	Н	н	Н	Z1_	Y1_	X1
Н	x x x				Non	ө
X = Don't Care						

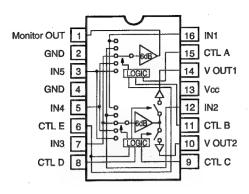
NJM2229S (VI: IC305)





BA7625 (VI: IC302, 401) BA7626 (VI: IC301)





Α	В	E	MONITOR OUT
L	L	*	IN 1
Н	L	*	IN 2
L	Н	*	IN 3
Н	Н	L	IN 4
Н	Н	Н	IN 5

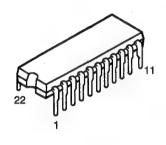
С	D	Ε	V OUT 1
L	L	*	
Н	L	*	IN 2
L	Н	*	IN 3
Н	Н	L	IN 4
Ι	Н	Н	IN 5

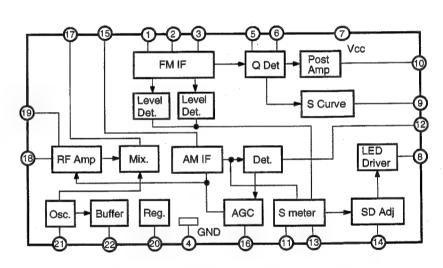
С	D	Ε	V OUT 2
L	L,	*	IN 1
Н	L	*	_
L	Н	*	IN 3
Н	Н	L	IN 4
Н	Н	Н	IN 5

Note 1: * mark means that feasible for either H or L.

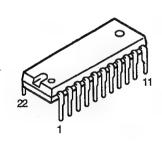
Note 2: Each input terminal is provided with sink chip clamp (BA7625). Each input terminal takes 20kohm at the end (BA7626).

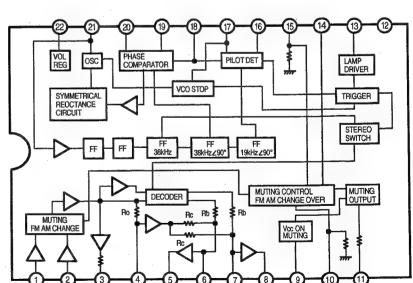






LA3401 (TU: IC503)





BA15218F

(AU: IC731)

(CO: IC282)

(AU: IC851, 852) BA4510

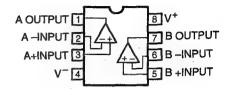
NJM2068MD (AU: IC601, 702, 703, 752, 753, 802, 803, 804)

(CO: IC281)

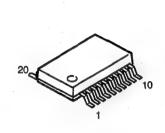
(TU: IC103, 104, 105, 106, 109, 110)

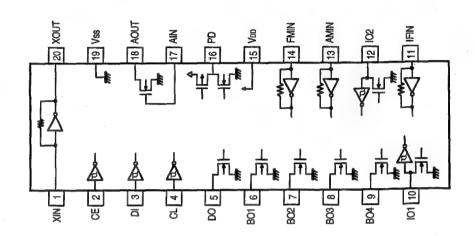
NJM5532MD (AU: IC606)



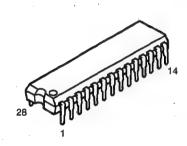


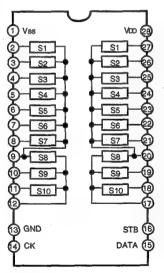
LC7213M (TU: IC507)





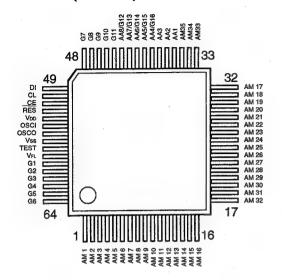
TC9273N-007 (AU: IC603)





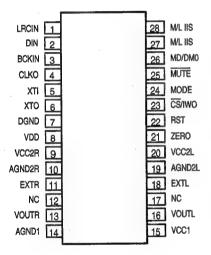
1 C92/3N Terminal Function						
Pin No.	Symbol	Name	Function	Note		
1	Vss	-Power Terminal	Dual Power Use: VDD = 8.0~17 V Signal Power Use: VDD = 8.0~18V			
13	GND	Digital Ground	GND = 0V Vss = GND = 0V			
28	VDD	+Power Terminal	Vss = -8.0~17V			
2~12	04 44	I/O Tamaiaal	land to mind of analog quitch			
17~27	S1~11	-11 I/O Terminal	Input terminal of analog switch.			
14	СК	Clock Input	Clock input for data transfer.	Low level		
15	DATA	Data Input	Serial input for switch setting.			
16	STB	Strobe Input	Strobe input for data writing.			

LC75711NE (VI: IC102)



Symbol	Function
VDD	Power terminal +5V
Vss	Power terminal GND
VFL	Power terminal FL drive
DI CL CE	Serial data transfer terminal DI: Data CL: Clock CE: Chip enable
OSCI OSCO	External CR connecting terminal
RES	System reset terminal
AM1~AM35 AA1~AA3	Anode output terminal
AA4/G16 AA5/G15 AA6/G14 AA7/G13 AA8/G12	Anode/Grid output terminal
G1~G11	Grid output terminal
TEST	LSI test terminal

PCM1716E (AU: IC701, 751, 801)



Pin No.	Name	1/0	Description
1	LRCIN	1	Left & Right clock input. This clock is equal to the sampling rate-fs. *1
2	DIN	1	Serial audio data input.
3	BCKIN	0	Bit clock input for serial audio data.
4	CLKO		Buffered output of oscillator. Equivalent to system clock.
5	XTI		Oscillator input (Extermal clock input).
6	XTO	I	Oscillator output.
7	DGND	- 1	Digital ground.
8	VDD		Digital power. +5V
9	VCC2R	I	Digital power. +5V
10	AGND2R		Analog power. +5
11	EXTR		R-ch, common pin of analog amp.
12	NC .	_	No connection.
13	VOUTR		R-ch, analog voltage output of audio signal.
14	AGND1		Analog ground
15	VCC1	1	Analog power. +5V
16	VOUTL	1	L-ch, analog voltage output of audio signal.
17	NC	1	Non connection.
18	EXTL	1/0	L-ch, common pin of analog output amp.
19	AGND2L	I/O	Analog ground.
20	VCC2L	1/0	Analog power. +5V
21	ZERO	0	Zero data flag.
22	RST		Reset. When this pin is low, the DF & modulations are held in reset. *2
23	CS/IWO	1	Chip select / Input format selection When this pin is low, the MODE Control is effective. *3
24	MODE	_	Mode control Select. (H: Software, L: Hardware) *2
25	MUTE		Mute control. *2
26	MD / DM0		Mode control, data / De-emphasis selection 1. *2
27	MC / DM1		Mode control, BCK / De-emphasis selection 2. *2
28	ML/IIS		Mode control, WDCK / input format selection. *2

NOTE1: Pins 1, 2, 3; Schmitt Trigger input.

NOTE2: Pins 22, 24, 25, 26, 27, 28; Schmitt Trigger input with pull-up resister.

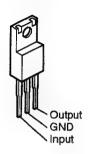
NOTE3: Pin 23; Schmitt trigger input with pull-down resister.

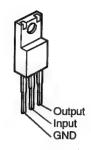
NJM7805FA (S) (PA: IC506, 507) NJM7806FA (S) (PA: IC502, 505) NJM7812FA (S) (PA: IC503)

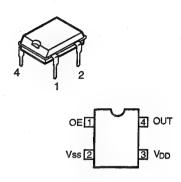
BA033T (AU: IC900)



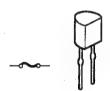
SG-531PH (12.288MHz) (AU: IC855)



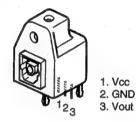


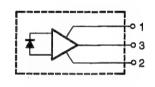


IC PROTECTOR ICP-N15 (PA: IC501)

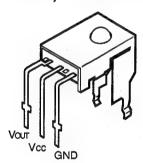


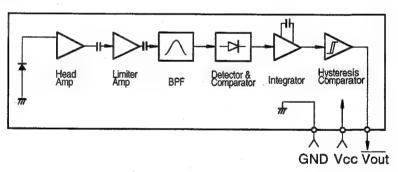
OPTICAL INPUT GP1F37R (VI: IC306)





OTHER GP1U271X (Remote Control Sensor) (VI: IC101)

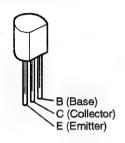




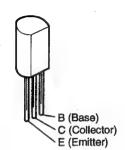
1. Vcc

TRANSISTORS

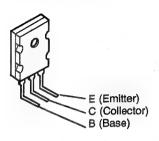
2PA1015GR 2SA970 (BL) 2SA988 (E/F) 2PA1815 (BL) 2SC1841 (E/F) 2SC2878 (A/B)



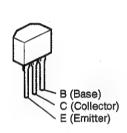
2SC2705 (O)/(Y)



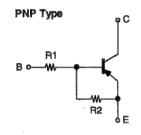
2SA1489 (O/P/Y) 2SA1491 (O/P/Y) 2SC3855 (O/P/Y)



DTA114ES DTC114ES



DTA114ES



	R1	R2
DTA114ES	10kohm	10kohm

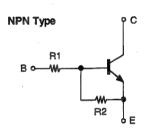
DTA114TK

DTA114EK

DTA144EK

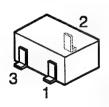
RN2402

DTC114ES



	R1	R2
DTC114ES	10kohm	10kohm

DTA114TK DTA114EK DTA144EK DTC114EK DTC144EK DTC323TK RN2402



2: Out/Collector

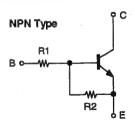
3: In/Base

1: GND/Emitter

PNP Type	°C
R1	+
	W-R2 PE

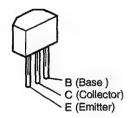
	RI	FI2
DTA114TK	10kohm	_
DTA114EK	10kohm	10kohm
DTA144EK	47kohm	47kohm
RN2402	10kohm	10kohm

DTC114EK DTC144EK DTC323TK

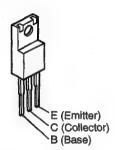


	R1	R2			
DTC114EK	10kohm	10kohm			
DTC144EK	47kohm	47kohm			
DTC323TK	2.2kohm	_			

2SA933S (S) 2SC3311A 2SC1740S (S)



2SA1725 (O/P/Y) 2SC4495

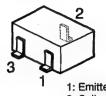


2SK209 (GR)



2: Source 3: Gate

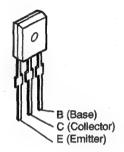
2SC2996 (Y) 2SC3326 (A/B) 2SD601A



1: Emitter 2: Collector

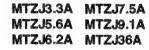
2: Collecto 3: Base

2SB1328 (Q) 2SD2004 (Q)



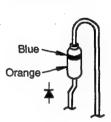
DIODES (included LED)

1SS270A



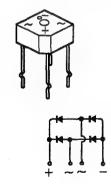


1SR35-200A

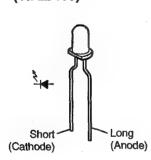


Sky Blue

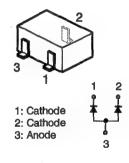
S4VB20 (PA: D518, 519, 520)



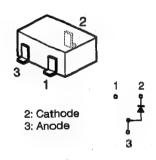
SEL1210S (Red) (VI: LD101, 102, 104) SEL1410E (Green) (VI: LD103)



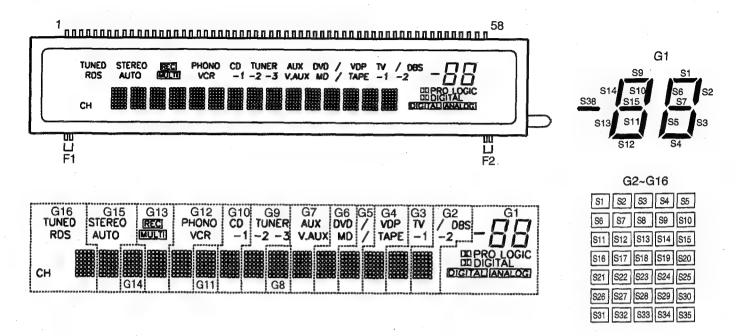
MA151WK



MA151A



FL DISPLAY CM1690C (VI: FL101)



Pin Assignment

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CONNECTION	F1	F1	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18
PIN NO. CONNECTION	21 S19	22 S20	23 S21	24 S22	25 S23	26 S24	27 S25	28 S26	29 S27	30	31	32	33	34	35	36	37	38	39	40
PIN NO. CONNECTION	41	42	43	44	45	46	47	48	49 G8	50 G7	51 G6	52 G5	53 G4	54 G3	55 G2	56 G1	57 F2	58 F2		

F1,F2 : Filament G1~G16 : Grid S1~S38 : Anode

Anode & Grid Assignment

	G1	G2~G16		G1	G2~G16		G1	G2~G16		G1	G2~G16
S1 .	S1	S1	S10	S10	S10	S19		S19	S28		S28
S2	S2	S2	S11	S11	S11	S20		S20	S29		S29
S3	S3	S3	S12	S12	S12	S21		S21	S30		S30
S4	\$4	S4	S13	S13	S13	S22		S22	S31		S31
S5	S5	S5	S14	S14	S14	S23		S23	S32		S32
S6	S6	S6	S15	S15	S15	S24		S24	S33		S33
S7	S7	S7	S16		S16	S25		S25	S34		S34
S8		S8	S17	DODIGITA	L S17	S26		S26	S35		S35
S9	S9	S9	S18	DE PRO LO	GICS18	S27		S27			

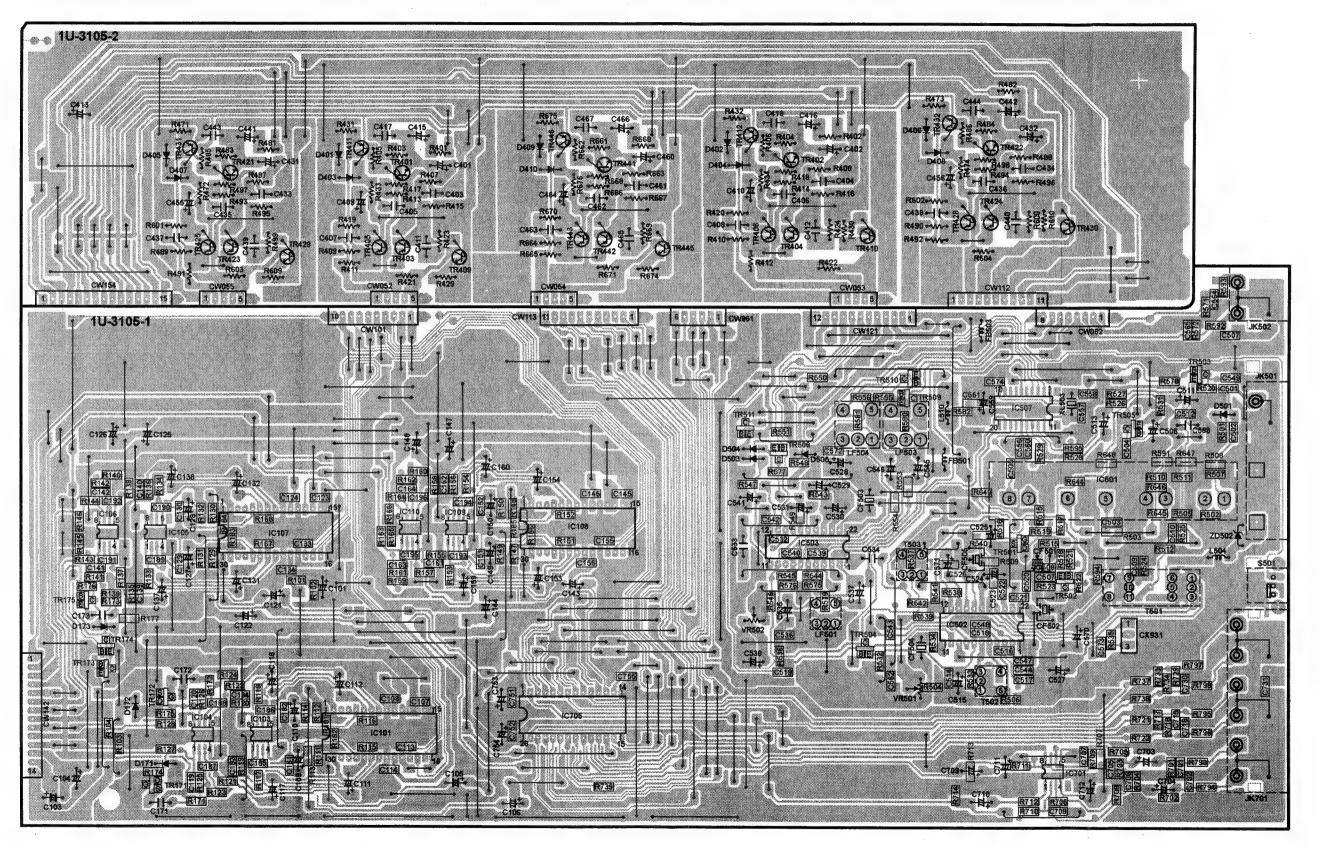
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16
S36	DIGITAL	1	TV	VDP	/(DVD)	DVD	AUX		TUNER	CD		PHONO	REC		STEREO	TUNED
S37	ANALOG		-1	TAPE	/(MD)	MD	V.MAX		-2	-1		VCR	MULT		AUTO	RDS
S38	S38	DBS							-3							СН

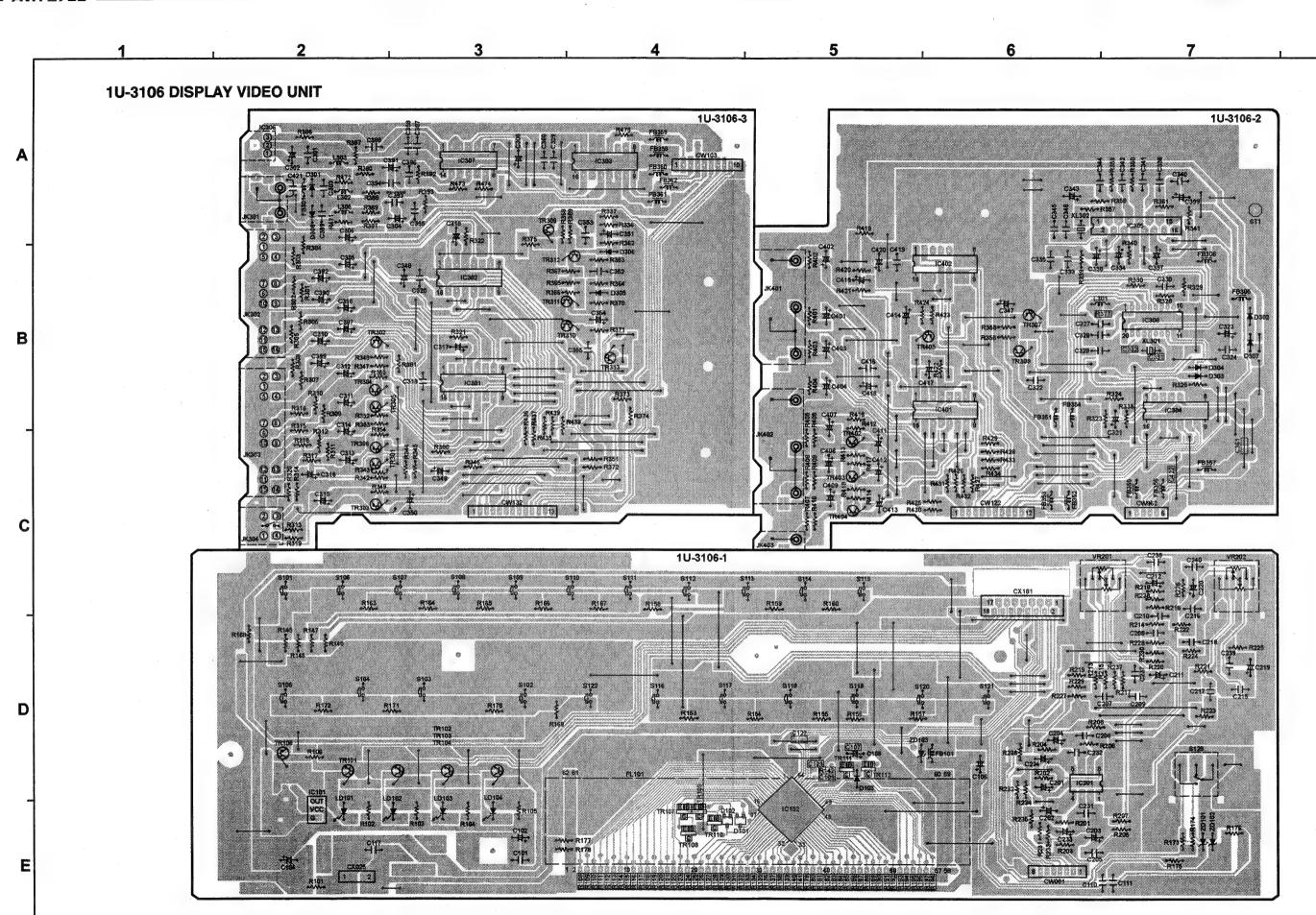
В

PRINTED WIRING BOARD PATTERNS

1 2 3 4 5 6 7 8

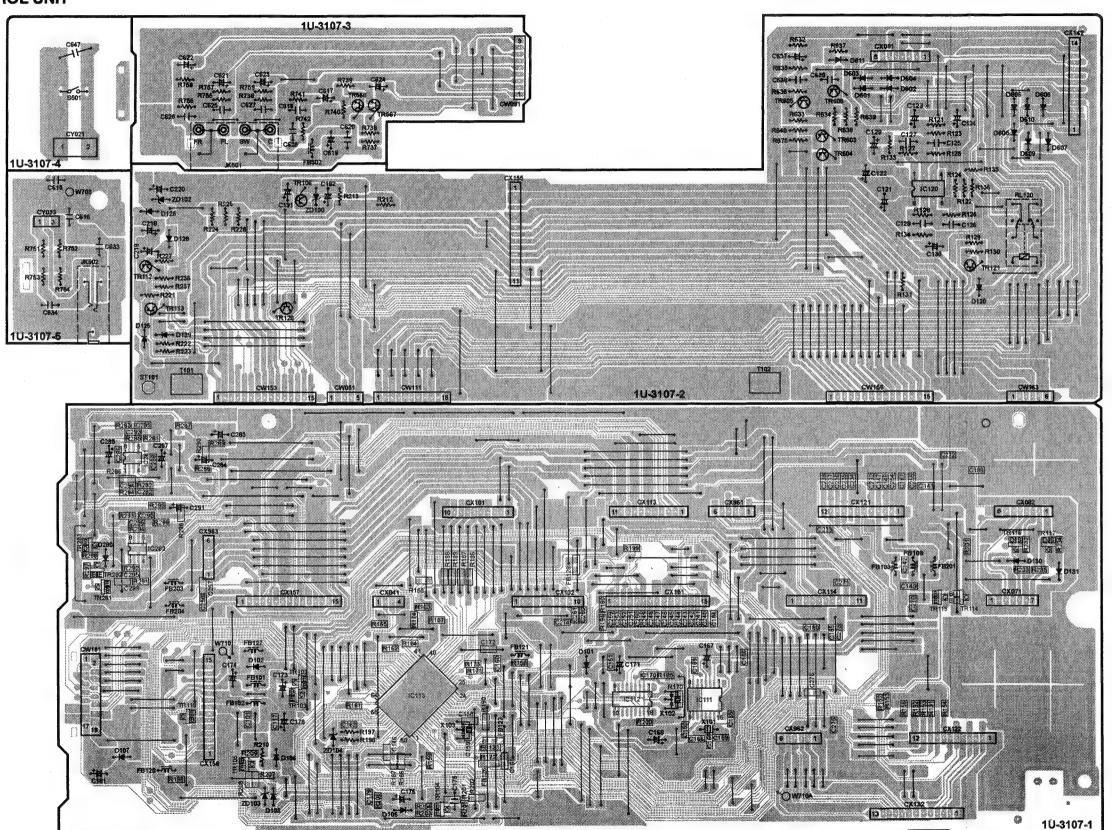
1U-3105 TUNER AMP.UNIT



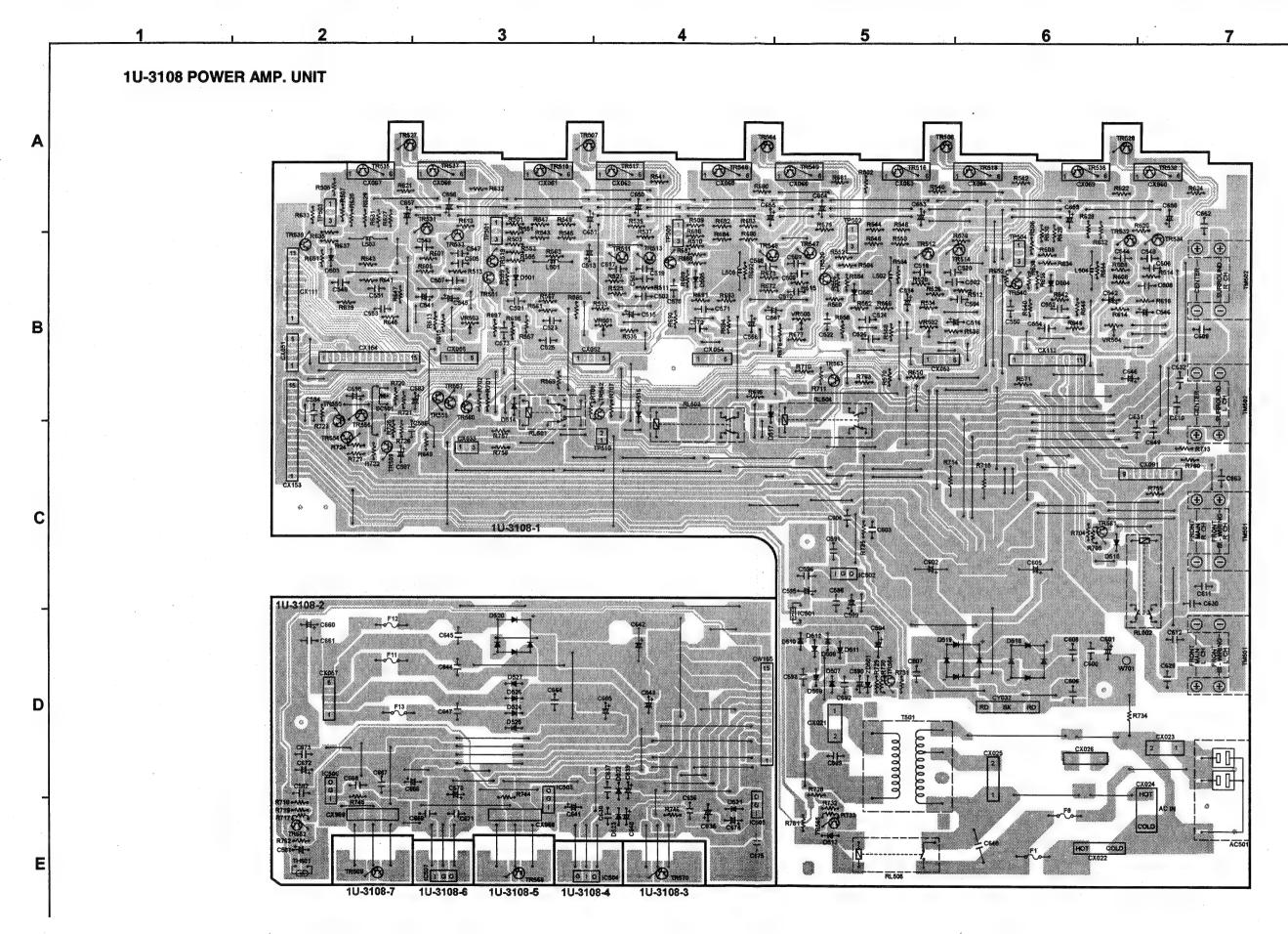


30

1 2 3 4 5 6 7 8 1U-3107 CONTROL UNIT



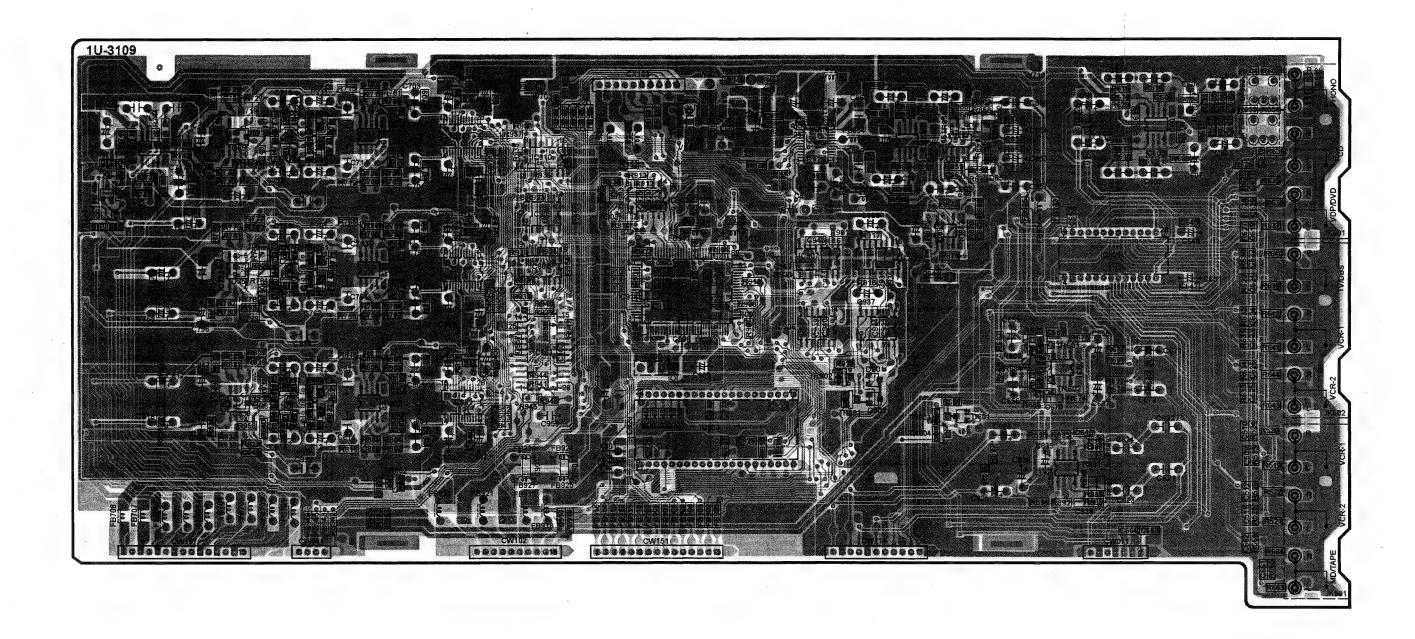
D



В

1 2 3 4 5 6 7

1U-3109 AUDIO IN DSP UNIT



MR AVR-2700

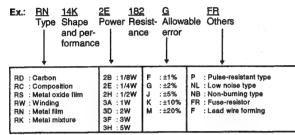
NOTE FOR PARTS LIST

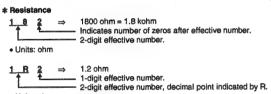
- Part indicated with the mark "O" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

Parts marked with this symbol Δ have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

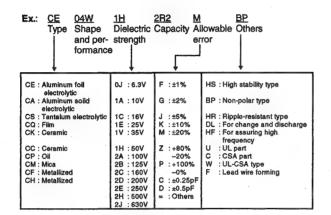
Resistors

• Units: ohm





Capacitors



2_2_2 ⇒ 2200µF
Indicates number of zeros after effective number.
2-digit effective number. • Units: μF.

2.2μF
 1-digit effective number.
 2-digit effective number, decimal point indicated by R.

* Capacity (except electrolyte)

2_2 2 ⇒ 2200pF=0.0022µF

(More than 2)—Indicates number of zeros after effective number.

2-digit effective number.

• Units: μF.

2 1 ⇒ 220pF Indicates number of zeros after effective number. 2-digit effective number.

• When the dielectric strength is indicated in AC, "AC" is included after the dieelectric strength value.

PARTS LIST OF P.W.B. UNIT **1U-3105 TUNER AMP UNIT**

F					Def No	Down Att-	Dank Maria	Domeste
ŀ	Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
ļ	SEMICON	IDUCTORS	GROUP		R127,128	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
	IC101	262 2214 007	IC LC7536		R129,130	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
		263 0896 909	IC NJM2068MD		R131,132	247 0013 900	Carbon chip 220 kohm 1/10W	RM73B224J
1	IC107,108	262 2214 007	IC LC7536	İ	R133,134	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
١	IC109,110	263 0896 909	IC NJM2068MD		R135,136	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
١					R137,138	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
1	IC501	216 0102 008	Front end	İ	R139,140	247 0007 916	Carbon chip 750 ohm 1/10W	RM73B751J
١	IC502	263 0891 001	IC LA1265(S)		R141	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
1	IC503	263 0439 007	IC LA3401		R142	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
1	IC507	262 2450 900	IC LC72131M-TLM		R143,144	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
1	-			·	R145,146	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
-	IC705	262 1853 100	IC NJU7313AL		R147,148	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
1			· .		R149,150	247 0013 900	Carbon chip 220 kohm 1/10W	RM73B224J
1	TR171,172	275 0094 908	FET 2SK209-GR		R151,152	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
1	TR173	269 0083 901	Transistor DTA114EK		R153,154	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
١	TR174	269 0054 901	Transistor DTC144EK		R155,156	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
١	TR175	275 0094 908	FET 2SK209-GR		R157,158	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
١					R159,160	247 0007 916	Carbon chip 750 ohm 1/10W	RM73B751J
١	TR401,402	273 0253 918	Transistor 2SC2878(A/B)		R161,162	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
١	TR403~406	271 0094 919	Transistor 2SA970(BL)		R163	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
١	TR409,410	273 0281 906	Transistor 2SC2705(O)/(Y)		.R164	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
1	TR421,422	273 0253 918	Transistor 2SC2878(A/B)		R165,166	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
1	TR423~426	271 0094 919	Transistor 2SA970(BL)		R167,168	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
١	TR429,430	273 0281 906	Transistor 2SC2705(O)/(Y)		R171,172	247 0006 920	Carbon chip 330 ohm 1/10W	RM73B331J
١	TR441	273 0253 918	Transistor 2SC2878(A/B)		R173	247 0009 943	Carbon chip 6.8 kohm 1/10W	RM73B682J
1	TR442,443	271 0094 919	Transistor 2SA970(BL)		R174~177	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
1	TR445	273 0281 906	Transistor 2SC2705(O)/(Y)		R181~186	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
-					R429,430	241 2376 964	Carbon film 47 ohm 1/4W(NB)	RD14B2E470JNBS
1	TR502	273 0411 909	Transistor 2SC2996-Y		D		0 1	DM70D 1001
1	TR503,504	269 0083 901	Transistor DTA114EK		R501	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B100J
1	TR505	269 0114 906	Transistor RN2402		R503	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J
١	TR508	269 0054 901	Transistor DTC144EK		R504,505	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
١	TR509,510	269 0066 902	Transistor DTC323TK		R507~512	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
ı	TR511	269 0086 908	Transistor DTA114TK		R514	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
1					R515	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
١	D171~173	276 0432 903	Diode 1SS270A		R516		Carbon chip 1 kohm 1/10W	RM73B102J
١					R518	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B221J
١	D501	276 0432 903	Diode 1SS270A		R519	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B471J
١	D503~505	276 0432 903	Diode 1SS270A		R520	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J
١					R521	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
١	ZD502	276 0644 937	Zener diode MTZJ9.1A	9.1V	R522	247 0006 920	Carbon chip 330 ohm 1/10W	RM73B331J
1					R523	247 0007 961	Carbon chip 1.2 kohm 1/10W	RM73B122J
ŀ	DECICTO	DC CDOUD			R524	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
ŀ		RS GROUP	Onder the 47 later 4/4014	D1470D 4701	R525	1	Carbon chip 1 kohm 1/10W	RM73B102J
1	R101	247 0009 901	'	RM73B472J	R526	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B562J
-	R102	247 0008 960	'	RM73B332J	R527	247 0009 985	l	RM73B103J
1	R111,112	247 0011 944		RM73B473J	R528	247 0008 944		RM73B272J
- [R113,114	247 0013 900	i	RM73B224J	R529	247 0007 945	'	RM73B102J
	R115,116	247 0011 944		RM73B473J	R531	247 0018 905		RM73B0R0K
	R117,118	247 0005 905	1	RM73B101J	R532	247 0018 905		RM73B0R0K
1	R119,120	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	R533	247 0010 929		RM73B153J
	R121,122	247 0005 905		RM73B101J	R534	247 0005 921	Carbon chip 120 ohm 1/10W	RM73B121J
L	R123~126	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J	R535	247 0010 945	Carbon chip 18 kohm 1/10W	RM73B183J

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R536	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C123,124	257 0012 982	Ceramic chip 0.022µF/50V	CK73F1H223Z
R537	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B683J	C125,126	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
R538	247 0009 943	Carbon chip 6.8 kohm 1/10W	RM73B682J	C127,128	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R539	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B562J	C131,132	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R540,541	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J	C134	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
R542,543	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B332J	C137,138	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R544,545	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	C141,142	257 0004 961	Ceramic chip 100 pF/50V	CC73SL1H101J
R546	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B623J	C143,144	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R547	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	C145,146	257 0012 982	Ceramic chip 0.022µF/50V	CK73F1H223Z
R548	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J	C147,148	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
R549	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	C149,150	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R550	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B562J	C153,154	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R551	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J	C156	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
R553,554	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B332J	C159,160	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R555	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B562J	C163,164	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101J
R571,572	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B275J	C171,172	256 1058 955	Metalized 0.068µF/50V	CF93A1H683J (JL)
R575,576	247 0012 943	Carbon chip 120 kohm 1/10W	RM73B124J	C173	255 1265 923	Mylar film 8200 pF/50V	CQ93M1H822J(B)
R577	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B223J				
R578	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C401,402	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M
R579	247 0018 905	Carbon chip 0 ohm 1/10W	RM73BOROK	C403,404	253 4538 949	Ceramic 100 pF/50V	CC45SL1H101J(DD-3)
R580	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C405,406	253 4537 924	Ceramic 33 pF/50V	CC45SL1H330J(DD-3)
R581	247 0018 905	Carbon chip 0 ohm 1/10W	RM73BOROK	C407,408	253 4482 901	Ceramic 33 pF/500V	CC45SL2H330J
R582	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C409,410	254 4254 938	Electrolytic 47µF/16V	CE04W1C470M
R592,593	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B471J	C411,412	255 4202 941	Polypropylene film 1000 pF/50V	CQ93P1H102J
R595	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C413	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M
				C415,416	254 4254 912	Electrolytic 22µF/16V	CE04W1C220M
R609,610	241 2376 964	Carbon film 47 ohm 1/4W(NB)	RD14B2E470JNBS	C431,432	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M
R644	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C433,434	253 4538 949	Ceramic 100 pF/50V	CC45SL1H101J(DD-3)
R647~649	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C435,436	253 4537 924	Ceramic 33 pF/50V	CC45SL1H330J(DD-3)
R674	241 2376 964	Carbon film 47 ohm 1/4W(NB)	RD14B2E470JNBS	C437,438	253 4482 901	Ceramic 33 pF/500V	CC45SL2H330J
D704 700	047 0045 000	Ondress skip o 7 Makes 4 4004	D1470D 0751	C439,440	255 4202 941	Polypropylene film 1000 pF/50V	CQ93P1H102J
R701,702	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B275J	C441,442	254 4254 912	Electrolytic 22μF/16V	CE04W1C220M
R705,706	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B471J	C455,456	254 4254 938	Electrolytic 47µF/16V	CE04W1C470M
R717,718	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B275J	C460	254 4260 980	Electrolytic 10μF/50V	CE04W1H100M
R721,722	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B471J	C461		Ceramic 100 pF/50V	CC45SL1H101J(DD-3)
R733,734		Carbon chip 2.7 Mohm 1/10W	RM73B275J	C462		Ceramic 33 pF/50V	CC45SL1H330J(DD-3)
R737,738		Carbon chip 470 ohm 1/10W	RM73B471J	C463	253 4482 901	Ceramic 33 pF/500V	CC45SL2H330J
R739		Carbon chip 0 ohm 1/10W	RM73B0R0K	C464		Electrolytic 47µF/16V	CE04W1C470M
R793~798	247 0016 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C465		Polypropylene film 1000 pF/50V	CQ93P1H102J
VDE01	011 6100 005	Comi fived resister 10 kehm	Mocophion .	C466	254 4254 912	Electrolytic 22µF/16V	CE04W1C220M
VR501 VR502		Semi fixed resistor 10 kohm Semi fixed resistor 100 kohm	V06PB103				
V NOUZ	2110132 903	Senia lixeu resistor 100 konm	V06PB104	C501,502		Ceramic chip 1000 pF/50V	CK73B1H102K
				C503~505		Ceramic chip 0.01µF/50V	CK73B1H103K
CAPACIT	ORS GROUP			C507,508		Ceramic chip 0.01µF/50V	CK73B1H103K
C103,104	254 4260 977	Electrolytic 4.7μF/50V	CE04W1H4R7M	C509	257 0002 947	Ceramic chip 12 pF/50V	CC73SL1H120J
C105,106	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M	C510		Ceramic chip 0.01µF/50V	CK73B1H103K
C107,108	257 0012 982	Ceramic chip 0.022µF/50V	CK73F1H223Z	C511		Electrolytic 47µF/16V	CE04W1C470M
C109~112	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M	C512		Ceramic chip 0.01µF/50V	CK73B1H103K
C114	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z	C513		Electrolytic 1µF/50V	CE04W1H010M
C117,118	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M	C514		Ceramic chip 0.01 µF/50V	CK73F1H103Z
C119,120	257 0004 961	Ceramic chip 100 pF/50V	CC73SL1H101J	C515		Electrolytic 47µF/16V	CE04W1C470M
C121,122	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	C516,517		Ceramic chip 0.01µF/50V	CK73B1H103K
				C520	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101J

Ref. No.	Part No.	Part Name	Remark	s	Ref. No.	Part No.	Part Name	Remarks	Q'ty
C521~523	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103l	K	FB501	235 0049 900	Beads inductor		1
C524	254 4260 935	Electrolytic 0.47µF/50V	CE04W1HR47	7M					
C525	254 4260 980	Electrolytic 10µF/50V	CE04W1H100	M	JK501	205 0847 004	3P antenna terminal (PAL/F)		1
C526	257 0010 942	Ceramic chip 0.022µF/50V	CK73B1H223I	K	JK502	1	2P pin jack (S-GND)		1
C527	254 4260 948	Electrolytic 1µF/50V	CE04W1H010	М			D. P. J. J. (O G. 12)	ľ	
C528	254 4254 938	Electrolytic 47µF/16V	CE04W1C470	М	JK701	204 8513 010	6P pin iack	ļ	
C529	254 4260 948	Electrolytic 1µF/50V	CE04W1H010	М					j l
C530	254 4260 919	Electrolytic 0.22µF/50V	CE04W1HR22	M	L504	235 0060 905	Inductor 2.2 μH		1
C531	254 4260 948	Electrolytic 1µF/50V	CE04W1H010	М	L510	235 0060 950	Inductor 10 µH		11
C532	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103F	<				}	l 1
C533	256 1058 939	Metalized 0.047μF/50V	CF93A1H473J	(JL)	T501	231 2096 001	MW antosc. coil		1
C534	256 1058 942	Metalized 0.056µF/50V	CF93A1H563J	(JL)	T502	1	FM DET trans.		1
C535	254 3053 910	Electrolytic 22µF/16V	CE04D1C2201	MBP	T503	231 1138 009			1 1
C536	257 0004 961	Ceramic chip 100 pF/50V	CC73SL1H101	IJ					
C538	254 4254 912	Electrolytic 22µF/16V	CE04W1C220	М	XL503	399 0075 003	Crystal 7.2 MHz		1
C539,540	257 0006 972	Ceramic chip 750 pF/50V	CC73SL1H751	IJ			, , , , , , , , , , , , , , , , , , , ,		
C541	254 4260 951	Electrolytic 2.2µF/50V	CE04W1H2R2	M		205 1034 010	M3 Screw terminal		1 1
C544	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103k	({	1 1
C545,546	254 4254 909	Electrolytic 10µF/16V	CE04W1C100	М					
C557,558	257 0002 963	Ceramic chip 15 pF/50V	CC73SL1H150	Ŋ	l ·			:	
C559	254 4260 948	Electrolytic 1µF/50V	CE04W1H010	М	J				
C561	257 0012 966	Ceramic chip 0.01 µF/50V	CK73F1H103Z	.	1				[i
C562	257 0014 935	Ceramic chip 0.1 μF/25V	CK73F1E104Z	.	1				
C570	254 4254 909	Electrolytic 10µF/16V	CE04W1C100	М					
C571	254 4260 948	Electrolytic 1µF/50V	CE04W1H010	М			·		
C574	257 0004 961	Ceramic chip 100 pF/50V	CC73SL1H101	IJ					
C587	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z						
C588	256 1058 900	Metalized 0.027μF/50V	CF93A1H273J	(JL)					
C731	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z	:	, .				
C751,752	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z	.					
C753,754	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7	М					
OTHER P	ARTS			Q'ty			,		
CF501	261 0135 907	Ceramic filter MA8		1					1
CF502	261 0136 906	Ceramic filter MS2G		1	Į.				
CF503	261 0079 005	Ceramic resonator CSB456F11		1					
CF504		Ceramic filter BFU450C4	•	1					
CF505	261 0116 007	Ceramic filter SFU450B3		1					
CW052~055	205 0885 008	5P connector socket (TUC-P)		4					
CW082		8P connector socket (TUC-P)		1					
CW101		10P connector socket (TUC-P)		1			* .		
CW112,113		11P connector socket (TUC-P)		2					
CW121		12P connector socket (TUC-P)		1					
CW142		14P connector socket (TUC-P)		1					
CW154		15P connector socket (TUC-P)		1			·	THE PROPERTY AND PARTY AND	
CW961	205 0942 019	6P connector socket (TUC-P)		1					
CX931	205 0190 036	3P NH connector base		1					
3,001	200 0 100 000	C. 1411 COMMODIC DAGE							
					L	<u> </u>	L	L	1

1U-3106 DISPLAY VIDEO UNIT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICON	DUCTORS	GROUP		RESISTO	RS GROUP		
IC101	499 0290 007	Remocon sensor GP1U271X		R108~123	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B683J
IC102	262 2451 006	IC LC75711NE	ļ	R124,125	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
				R126~141	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B683J
IC201	263 0609 002	IC NJM2068DDC		R142	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
				R179~197	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B683J
IC301	263 0857 003	IC BA7626		R198	247 0011 944		RM73B473J
IC302	263 0856 004						
IC303		IC TC74HC151AP		R377	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
IC304		IC MC74HC4053N					
1C305		IC NJM2229S		VR201	211 0883 018	Variable resistor 30 kohm	V14P25FC303K
IC306		Optical connector GP1F37R		VR202	211 0883 005	Variable resistor 10 kohm	V14P25FC103K
IC307	262 1265 002	•		***************************************			
IC308	262 2311 007	IC M35015-204SP					
10000	202 2011 007	10 11100010 20401					
IC401	263 0856 004	IC BA7625		CAPACIT	ORS GROU	P	•
IC402		IC TC4053BP	· I	C101	253 9039 906	Ceramic 0.1µF/25V	CK45=1E104Z(DD-3
10402	202 0022 000	10 10-100001		C102	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
TR101~104	260 0020 006	Transistor DTC114ES(10K-10K)	100 mm	C104	254 4196 944	Electrolytic 1μF/50V	CE04W1H010M (SR
TR106		Transistor DTA114ES(10K-10K)		C106	254 4261 921	Electrolytic 100μF/50V	CE04W1H101M
TR107		Transistor DTC144EK		C107	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
TR107		Transistor DTA144EK		C108	254 4250 945	Electrolytic 330µF/6.3V	CE04W0J331M
TR109		Transistor DTC144EK		C109	257 0003 933	Ceramic chip 30 pF/50V	CC73SL1H300J
I				C110,111	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103Z(DD-3
TR110		Transistor DTA144EK		C117	256 1058 971	Metalized 0.1µF/50V	CF93A1H104J (JL)
TR111		Transistor DTC144EK		C121	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102K
TR112	209 0000 900	Transistor DTA144EK		C201,202	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
TD004 007	074 0000 004	Transister ODA40450D		C203,204	254 4254 938	Electrolytic 47µF/16V	CE04W1C470M
		Transistor 2PA1015GR		C205,206	253 4537 924	Ceramic 33 pF/50V	CC45SL1H330J(DD-
TR309		Transistor 2PA1015GR		C207,208	255 1264 940	Mylar film 2200 pF/50V	CQ93M1H222J(B)
TR310		Transistor DTC114ES(10K-10K)		C209,210	256 1059 909	Metalized 0.18µF/50V	CF93A1H184J (JL)
TR311		Transistor 2PC1815BL		C211,212	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
TR312,313	2/1 0290 904	Transistor 2PA1015GR		C215,216	255 1265 949	Mylar film 0.012µF/50V	CQ93M1H123J(B)
TD 400 405	074 0000 004	Townstates ODA4D4EOD		C217,218	256 1058 942	Metalized 0.056µF/50V	CF93A1H563J (JL)
TR402~405	271 0290 904	Transistor 2PA1015GR		C219,220	254 4260 922	Electrolytic 0.33µF/50V	CE04W1HR33M
D101.100	000 0 100 0 10	D'. I. MANARA		C231,232		Ceramic 100 pF/50V	CC45SL1H101J(DD-
1		Diode MA151A		C233,234	ł .	Electrolytic 10µF/50V	CE04W1H100M
D103	2/6 0432 903	Diode 1SS270A					
			o disperimental della constanti di constanti	C301	253 9039 906	Ceramic 0.1µF/25V	CK45=1E104Z(DD-3
D301~308	276 0432 903	Diode 1SS270A		C302	254 4254 938	Electrolytic 47µF/16V	CE04W1C470M
				C304	254 4254 925	*	CE04W1C330M
•		Zener diode MTZJ6.2A	6.2V	C305,306	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M
ZD103	276 0644 937	Zener diode MTZJ9.1A	9.1V	C307	253 1181 904	Ceramic 0.01 µF/50V	CK45F1H103Z(DD-3
				C308	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
LD101,102		LED SEL1210S	Red	C309		Ceramic 0.01µF/50V	CK45F1H103Z(DD-3
LD103		LED SEL1410E	Green	C310	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M
LD104	393 9434 906	LED SEL1210S	Red	C311	254 4250 932	Electrolytic 220µF/6.3V	CE04W0J221M
-				C312	254 4250 958	Electrolytic 470µF/6.3V	CE04W0J471M
FL101	393 8033 007	FLD (CM1690C)	.	C312	254 4250 938	Electrolytic 220µF/6.3V	CE04W0J221M
	,			C314	254 4250 958	Electrolytic 470µF/6.3V	CE04W0J2Z1W
				C314.	254 4250 938		CE04W0J471W
				C315	254 4250 932 254 4250 958	Electrolytic 220µF/6.3V Electrolytic 470µF/6.3V	CE04W0J221M
					VOW GROUNDS		COTOMANUMA/ IN

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks	Q'ty
C319,320	253 1181 917	Ceramic 0.022µF/50V	CK45F1H223Z(DD-3)	OTHER F	PARTS			
C321	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	CW081	204 2446 015	8P PH-SAN cord		1
C323	254 4252 930	Electrolytic 100µF/10V	CE04W1A101M					
C324	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103Z(DD-3)	CW103	204 2593 010	10P PH-SAN connector cord		1
C327~329	253 4537 924	Ceramic 33 pF/50V	CC45SL1H330J(DD-3)	CW122	205 0885 079	12P connector socket (TUC-P)		1
C330	253 9030 963	Ceramic 0.01μF/25V	CK45=1E103K	CW132	205 0942 006	13P connector socket (TUC-P)		1
C331	257 0002 921	Ceramic chip 10 pF/50V	CC73SL1H100D	OWIGE	200 00 12 000	Tor commoder cooker (1001)		
C332	257 0002 947	Ceramic chip 12 pF/50V	CC73SL1H120J	CW962	205 0942 019	6P connector socket (TUC-P)		1
C333	255 1265 978	Mylar film 0.022µF/50V	CQ93M1H223J(B)	011002	200 00 12 010	or connected context (1001)		
C334	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M	CX025	205 0644 003	2P wrapping terminal		1
C335	253 4538 949	Ceramic 100 pF/50V	CC45SL1H101J(DD-3)	0,020	200 0011 000	The triangle of triangle of the triangle of tr		
C336	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M	CX181	205 1055 031	18P connector base (TKC-V)		1
C337	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	OX.IO.	200 1000 001			ļ '
C338	255 1264 908	Mylar film 1000 pF/50V	CQ93M1H102J(B)	FB101	235 0049 900	Beads inductor		1
C339	254 4252 930	· ·	CE04W1A101M	10101	200 0040 900	Deads inductor		
C340	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103Z(DD-3)	FB305,306	235 0049 900	Beads inductor		2
C341	255 1264 911	Mylar film 1200 pF/50V	CQ93M1H122J(B)	1 5505,500	200 0040 900	Deads Mudciol		-
C342	253 1179 929	Ceramic 150 pF/50V	CK45B1H151K(DD-3)	JK301	204 8552 000	2P pin jack (FG-DIG)],]
C343	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M	JK301,303	204 8415 011	3P S-terminal		2
C344	256 1058 955	Metalized 0.068µF/50V	CF93A1H683J (JL)	JK302,303	205 0902 004			1
C345	253 1179 987	Ceramic 470 pF/50V	CK45B1H471K(DD-3)	JN304	200 0902 004	TP 3-terminal (344)		'
C346	253 9030 934	Ceramic 3300 pF/25V	CK45=1E332K	JK401,402	004 0516 047	2D pin icels		2
C347,348	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	JK401,402	204 8516 017	' '		1
C349,350	254 4252 930	Electrolytic 100µF/10V	CE04W1A101M	JK403	204 8512 008	теріп јаск		
C352,353	256 1058 939	· ·	CF93A1H473J (JL)	1004	005 0000 000	Industry 45-11		١, ١
C354	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M	L301		Inductor 15µH		
C355		Metalized 0.047µF/50V	CF93A1H473J (JL)	L302	235 0060 905	Inductor 2.2µH		1
C358	253 1181 904	·	CK45F1H103Z(DD-3)	L303	235 0060 918	Inductor 4.7µH		1 1
C360	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103Z(DD-3)	L305	235 0060 905	Inductor 2.2µH		'
C390	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M	0101 100	010 5600 000	Toot euritab		22
C391	254 4254 925	•	CE04W1C330M	\$101~122 \$128	212 5609 902	Tact switch		1
C392	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M	\$120	212 0373 000	Rotary encorder EC16B		'
C393,394	253 1181 904		CK45F1H103Z(DD-3)	VI 004	000 0450 000	Caretal 44 00MUZ 10DE		4
C395,396		Ceramic 22 pF/50V	CC45SL1H220J(DD-3)	XL301	399 0153 006	Crystal 14.32MHZ-12PF		
C397~399	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M	XL302	399 0105 009	Ceramic resonator CSB503F2		'
0007 000	201 1200 077	Elouroly at 4.7 pt 700 v	020111111111111111111111111111111111111					
C401~404	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M	1				
C407~409	254 4250 958	, ,	CE04W0J471M	1				
C411		Electrolytic 10µF/16V	CE04W1C100M	ĺ		·		
C413		Electrolytic 10µF/16V	CE04W1C100M					
C415		Electrolytic 100µF/10V	CE04W1A101M	1				
C416	1	Ceramic 0.022µF/50V	CK45F1H223Z(DD-3)	1				1
C417		Electrolytic 1µF/50V	CE04W1H010M					
C418	•	Electrolytic 10μF/16V	CE04W1C100M					
C419	253 1181 904	•	CK45F1H103Z(DD-3)					
C420	254 4254 909	·	CE04W1C100M					
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1U-3107 CONTROL UNIT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICON	DUCTORS	GROUP		R171~173	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J
IC113	262 2485 001	IC TMP87CS71F-****	MAIN-UCOM	R174	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
IC120	263 0609 002	IC NJM2068DDC		R186~189	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
				R190	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
IC281	263 0896 909	IC NJM2068MD		R191~193	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
IC282	263 0615 902			R194	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
10202				R198	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
TR102	269 0083 901	Transistor DTA114EK					
TR103	269 0054 901	Transistor DTC144EK		R201	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
TR104	274 0163 904	Transistor 2SD601A		R202	247 0013 900	Carbon chip 220 kohm 1/10W	RM73B224J
TR105	269 0054 901	Transistor DTC144EK		R203	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
TR106	271 0131 924	Transistor 2SA988(E/F)		R204	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
TR112,113	269 0046 906	Transistor DTA114ES(10K-10K)		R205	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
TR114	269 0054 901	Transistor DTC144EK		R206	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
TR115	269 0055 900	Transistor DTA144EK		R207~209	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J
TR116,117	275 0094 908	FET 2SK209-GR		R210	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBS
TR118	269 0055 900	Transistor DTA144EK		R212	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBS
TR120	269 0020 906	Transistor DTC114ES(10K-10K)		R224,225	244 2055 996	Metal oxide 1.2 kohm 1W	RS14B3A122JNBS(S)
TR121	273 0429 904			R226	244 2055 996	Metal oxide 1.2 kohm 1W	RS14B3A122JNBS(S)
1				R231	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
TR281	269 0054 901	Transistor DTC144EK		R281~286	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
TR282	269 0055 900			R287,288	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
TR283	275 0094 908			R289,290	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
111200	270 0004 000	TET ZONZOO GIT		R291	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
TR567,568	273 0253 918	Transistor 2SC2878(A/B)		R292	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B562J
111007,000	270 0200 910	Transistor 2502076(AVD)		R293	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
TR603,604	271 0131 924	Transistor 2SA988(E/F)		R294	247 0009 930	Carbon chip 6.2 kohm 1/10W	RM73B622J
TR605,004	273 0445 001	, ,		R295	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
	273 0445 001			R296	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
TR606	2/10131924	Transistor 2SA988(E/F)		R297	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
D102	276 0553 905	Diode 1SR35-200A		R299	247 0009 998	Carbon chip 11 kohm 1/10W	RM73B113J
1				11233	247 0000 000	Carbon only 11 Komm 17 1011	
D103	276 0432 903			R751,752	244 2052 060	Metal oxide 220 ohm 1W	RS14B3A221JNBS(S)
D105	276 0432 903			11/31,/32	277 2002 300	WIGGS ONIGE 220 OWN 144	1101120/122101120(0)
D106,107	276 0553 905	Diode 1SR35-200A					
D120	276 0432 903			CAPACIT	ORS GROU	P	
D125,126	276 0553 905			C101	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
D128~131	276 0432 903	Diode 1SS270A		C121,122	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
				C123,124	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M
D280	276 0432 903	Diode 1SS270A	· i	C127,128	253 1179 903	Ceramic 100 pF/50V	CK45B1H101K(DD-3)
				C129,130	254 4260 980	Electrolytic 10µF/50V	CE04W1H100M
D601~611	276 0432 903	Diode 1SS270A		C141	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102K
				C147	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102K
ZD100	276 0645 978	Zener diode MTZJ36A	36V	C148	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102K
ZD102	276 0643 996	Zener diode MTZJ5.6A	5.6V	C149	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102K
ZD103	276 0634 905	Zener diode MTZJ3.3A	3.3V	C158,159	257 0004 903	•	CC73SL1H560J
				C172	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z
DECICTO	RS GROUP		L	C173	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
		0-4	D1470D 4001	C174	254 4250 932	Electrolytic 220µF/6.3V	CE04W0J221M
R152,153	247 0009 985	'	RM73B103J	C175	256 1058 984		CF93A1H124J (JL)
D455 455	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J			·	
R155,156			DIAMOR ADALL	C176	254 4260 977	Electrolytic 4 711F/50V	CE04W1H4R7M
R155,156 R158 R160~167	247 0018 905 247 0009 985	Carbon chip 0 ohm 1/10W	RM73B0R0K RM73B103J	C176 C177	254 4260 977 257 0012 966	Electrolytic 4.7µF/50V Ceramic chip 0.01µF/50V	CE04W1H4R7M CK73F1H103Z

Г	Ref. No.	Part No.	Part Name	Remari	(S	I	Ref. No.	Part No.	Part Name	Remarks	Q'ty
Г	C179	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H1032	Z	$\ \cdot \ $	CX142	205 0884 012	14P connector base (TUC-P)		1
	C181	254 4252 969	Electrolytic 470µF/10V	CE04W1A471	М	Ш	CX151	205 0884 041	15P connector base (TUC-P)		1
	C186	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102I	ĸ .]]	CX155~157	205 0884 041	15P connector base (TUC-P)	1	3
	C191,192	254 4260 948	Electrolytic 1µF/50V	CE04W1H010	М	Ш					
ı						Ш	CX961~963	205 0943 018	6P connector base (TUC-P)		3
	C218,219	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7	'M	Ш	CY021	205 0581 001	2P VH connector base		1 1
}	C220	254 4260 980	Electrolytic 10µF/50V	CE04W1H100	м	Ш	CY033	205 0343 032	3P connector base (KR-PH)		1
	C232	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102H	<	Ш					
	C237,238	257 0004 961	Ceramic chip 100 pF/50V	CC73SL1H101	1J	Ш	FB101,102	235 0049 900	Beads inductor		3
	C241	257 0008 983		CK73B1H102F		Ш	FB120,121	235 0049 900	Beads inductor		2
]	C247	257 0008 983	• •	CK73B1H102F		Ш	FB122,123	235 0106 908	Chip emifil (21A05)		2
ı	C251	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102k			FB126	235 0106 908	Chip emifil (21A05)		1 1
l	C253,254	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102H	- 1	Ш	FB127	235 0049 900	Beads inductor		1 1
	C260,261	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102k	- 1	Ш	FB128	235 0106 908	Chip emifil (21A05)		
	C270~276	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102k					(27.100)		
	C283,284	254 4254 909	Electrolytic 10μF/16V	CE04W1C100			FB502	235 0049 900	Beads inductor		1
L	C285	254 4260 948	Electrolytic 1µF/50V	CE04W1H010							
ŀ	C286	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z	- 1		JK501	204 8545 004	4P pin jack (GND)		1
ı	C287	254 4260 948	Electrolytic 1µF/50V	CE04W1H010			JK502	204 8264 013	Head phone jack (NI)		
ſ	C288	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z	- 1			201020.010	Troda priorio jack (TT)		
1	C291	254 4254 909	Electrolytic 10µF/16V	CE04W1C100	- 1		RL120	214 0127 003	Relay (RY-12W)		1
1	C293~296	257 0004 961	Ceramic chip 100 pF/50V	CC73SL1H101		L	TIETZV	2140127 000	110idy (111-1211)		
l	0230~230	207 0004 901	Ostatilic chip 100 pt /504	COTOSLITIO	' I		\S501	212 1021 000	Power switch (TV-5)		1
ı	C615	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103Z(I	ייט אי		2000	E12 1901 000	LOME SMICH (14-9)		
	C617	254 4254 912	Electrolytic 22µF/16V	CE04W1C220			T101,102	205 1024 010	M3 Screw terminal		2
ı	C619	254 4260 948	•	CE04W1C220		ı	1101,102	200 1004 010	Mis sciem retitilia		1
ł	C620	253 1181 904	* *	CK45F1H103Z(I			X103	399 0191 903	Ceramic 4.00 MHz	CST4.00MGW-TF01	l 1
ı	C621~624	254 4254 938	Electrolytic 47µF/16V	CE04W1C470I	′ ′	ŀ	X103	388 0181 803	Ceramic 4.00 Minz	CS14.00MGW-1F01	'
ı	C621~624 C633,634	253 1180 921	Ceramic 1000 pF/50V	CK45B1H102K(
L	C637	254 4260 980	Electrolytic 10µF/50V	CE04W1H100							
ı	C638,639	253 1181 904				ı					
l	C030,039	200 1101 504	Ceramic 0.01μF/50V	CK45F1H103Z(I	00-3)	L					
L				••••							
L	OTHER P	ARTS			Q'ty	ı					
ı	CW051	205 0885 008	5P connector socket (TUC-P)		1						
ı	CW091	205 0885 037	9P connector socket (TUC-P)		1	ı					
ı											
	CW111	205 0885 066	11P connector socket (TUC-P)		1	ı					
	CW153	205 0885 040			1	ı					
l	CW156	205 0885 040	15P connector socket (TUC-P)		1	1					
ı	CW181	205 1056 030	18P connector socket TKC-V	:	1						
	CW963	205 0942 019	6P connector socket (TUC-P)		1						
l										ļ	
	CX041	205 0884 083	4P connector base (TUC-P)		1						
ı	CX071	205 0943 021	7P connector base (TUC-P)		1	ı					
	CX081	205 0343 087	8P connector base (KR-PH)		1	ı					
ı	CX082	205 0884 096	8P connector base (TUC-P)		1					ļ	
l											
	CX101,102	205 0884 054	10P connector base (TUC-P)		2		•				
	CX113,114	205 0884 067	11P connector base (TUC-P)		2						
	CX121,122	205 0884 070			2						
	CX132	205 0943 005	13P connector base (TUC-P)		1						
L						L			<u> </u>	<u></u>	

1U-3108 POWER AMP. UNIT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICON	IDUCTORS	GROUP		R571	244 2043 937	Metal oxide 10 ohm 1W	RS14B3A100JNBS(S)
∆ 1C501	268 0073 905	IC ICP-N15					
IC502	263 0793 002	IC NJM7806FA(S)		R605~608	244 2052 957	Metal oxide 5.6 kohm 1W	RS14B3A562JNBS(S)
IC503	263 0801 004	IC NJM7812FA(S)		R619,620	241 2378 962	Carbon film 330 ohm 1/4W(NB)	RD14B2E331JNBS
IC504	263 0641 002	IC NJM7912FA		R621~624	241 2387 908	Carbon film 1 ohm 1/4W(NB)	RD14B2E010JNBS
IC505	263 0793 002	IC NJM7806FA(S)		R625~632	244 2043 982	Metal oxide 0.22 ohm 1W	RS14B3AR22JNBS(S)
IC506,507	263 0809 006	IC NJM7805FA(S)		R639,640	244 2043 937	Metal oxide 10 ohm 1W	RS14B3A100JNBS(S)
	`			R672,673	244 2052 957	Metal oxide 5.6 kohm 1W	S14B3A562JNBS(S)
TR507,508	273 0303 910	Transistor 2SC1740S(S)		R679	241 2378 962	Carbon film 330 ohm 1/4W(NB)	RD14B2E331JNBS
TR511,512	274 0151 929	Transistor 2SD2004(Q)		R680,681	241 2387 908	Carbon film 1 ohm 1/4W(NB)	RD14B2E010JNBS
TR513,514	272 0107 922	Transistor 2SB1328(Q)		R682~685	244 2043 982	Metal oxide 0.22 ohm 1W	S14B3AR22JNBS(S)
TR519,520	273 0235 923	Transistor 2SC1841(E/F)		R690	244 2043 937	Metal oxide 10 ohm 1W	S14B3A100JNBS(S)
TR527,528	273 0303 910	Transistor 2SC1740S(S)					
TR531,532	274 0151 929	Transistor 2SD2004(Q)		R714,715	243 2039 032	Winding 0.1 ohm 5W	RW99=3H0R1K
TR533,534	272 0107 922	Transistor 2SB1328(Q)		R734	242 2009 001	Composition 2.2 Mohm 1/2W	RC05GF2H225K(UL)
TR539,540	273 0235 923	Transistor 2SC1841(E/F)		R744~746	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBS
TR544	273 0303 910	Transistor 2SC1740S(S)	'	R757,758	244 2052 960	Metal oxide 220 ohm 1W	S14B3A221JNBS(S)
TR546	274 0151 929	Transistor 2SD2004(Q)		.			
TR547	272 0107 922	Transistor 2SB1328(Q)		VR501~505	211 6132 909	Semi fixed resistor 4.7 kohm	V06PB472
TR550	273 0235 923	Transistor 2SC1841(E/F)					
TR551	271 0131 924	Transistor 2SA988(E/F)				·	
TR552	273 0429 904	Transistor 2SC3311A		CAPACIT	ORS GROU	9	
TR554	273 0429 904	Transistor 2SC3311A		C513,514	254 4261 918		CE04W1H470M
TR555	271 0192 905	Transistor 2SA933S(S)		C515,516	254 4263 987	Electrolytic 10µF/100V	CE04W2A100M
TR556,557	273 0429 904	Transistor 2SC3311A		C517~520	253 4494 902	Ceramic 100 pF/500V	CC45SL2H101J
TR558	271 0192 905	Transistor 2SA933S(S)		C521,522	256 1058 971	Metalized 0.1μF/50V	CF93A1H104J (JL)
TR559~565	273 0429 904	Transistor 2SC3311A		C541,542	254 4261 918	Electrolytic 47µF/50V	CE04W1H470M
TR569,570	271 0254 018	Transistor 2SA1725(O/P/Y)		C543,544	253 4494 902	Ceramic 100 pF/500V	CC45SL2H101J
				C545,546	254 4263 987	Electrolytic 10µF/100V	CE04W2A100M
D501~505	276 0432 903	Diode 1SS270A		C547,548	253 4494 902	Ceramic 100 pF/500V	CC45SL2H101J
D507~512	276 0553 905	Diode 1SR35-200A		C549,550	256 1058 971	Metalized 0.1µF/50V	CF93A1H104J (JL)
D513~517	276 0432 903	Diode 1SS270A		C566	254 4261 918	Electrolytic 47µF/50V	CE04W1H470M
D518~520	276 0305 001	Diode S4VB20		C567	254 4263 987	Electrolytic 10µF/100V	CE04W2A100M
D521~523	276 0432 903	Diode 1SS270A		C568,569	253 4494 902	Ceramic 100 pF/500V	CC45SL2H101J
D524~527	276 0553 905	Diode 1SR35-200A		C570	256 1058 971	Metalized 0.1µF/50V	CF93A1H104J (JL)
				C573	253 1181 904	·	CK45F1H103Z(DD-3)
ZD501	276 0644 911	Zener diode MTZJ7.5A	7.5V	C581	254 4254 938	Electrolytic 47µF/16V	CE04W1C470M
	1			C582	253 9039 906	Ceramic 0.1μF/25V	CK45=1E104Z(DD-3)
SC501	279 0016 904	Thyristor SF0R1A42		C583	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
		-		C584	253 9039 906	Ceramic 0.1µF/25V	CK45=1E104Z(DD-3)
TH501	279 0034 067			C585	254 4250 945	Electrolytic 330µF/6.3V	CE04W0J331M
		PTH9M04BB222TS2F333		C586	253 9039 906	Ceramic 0.1µF/25V	CK45=1E104Z(DD-3)
				C587	254 4250 945	Electrolytic 330µF/6.3V	CE04W0J331M
				C588	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103Z(DD-3)
RESISTO	RS GROUP			C589	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R525~528	244 2052 957	Metal oxide 5.6 kohm 1W	RS14B3A562JNBS(S)	C590	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
R537,538	241 2378 962	Carbon film 330 ohm 1/4W(NB)	RD14B2E331JNBS	C591~593 C594	253 1181 904 254 4256 790	Ceramic 0.01μF/50V Electrolytic 2200μF/25V	CK45F1H103Z(DD-3) CE04W1E222MC
R539~542	241 2387 908	Carbon film 1 ohm	RD14B2E010JNBS	C595	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
		1/4W(NB)		C599	256 1058 971	Metalized 0.1μF/50V	CF93A1H104J (JL)
R543~550 R557,558	244 2043 982 244 2043 937	Metal oxide 0.22 ohm 1W Metal oxide 10 ohm 1W	RS14B3AR22JNBS(S) S14B3A100JNBS(S)	C601	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M

C033,640 286 1042 903 Metalized 0 1 1 1 F250V C6898—103MC(DL) C6898—103MC(DL) C6896—103MC(DL)		Ref. No.	Part No.	Part Name	Remarks	3	Ref. No.	Part No.	Part Name	Remarks	Q'ty
Code	Г	C602	254 6200 003	Electrolytic 10000µF/56V	CE68W==103MC	(DL)	FH501~505	202 0040 909	Fuse clip		10
C686-608 255 1042 903 Motalized 0.1 pt/FS0V C093M11103J(B) C039-618 255 1255 398 Motalized 0.1 pt/FS0V C093M11103J(B) C039-638 253 1181 904 Ceramic 0.01 pt/FS0V C093M11103J(B) C039M1103J(B) C039M1	1	C603,604	256 1042 903	Metalized 0.1μF/250V	CF93A2E104K						
C699-612 25 1285 893 Myler film 0.01µF50V C098M1H103U(8) Electrolyte dripFileV C698-688 251 1818 904 Ceramic 0.01µF50V C698-688 C698-688 251 1818 904 Ceramic 0.01µF50V C698W16470M C698		C605	254 6200 003	Electrolytic 10000μF/56V	CE68W==103MC	(DL)	L501~505	235 0068 004	Inductor 1µH		5
C638		C606~608	256 1042 903	Metalized 0.1μF/250V	CF93A2E104K						
C639,640 254 4256 936 Electrolyte 1pt/50V CE04W1E103MC (SMG) C641 254 4269 948 Electrolyte 1pt/50V CE04W1E103MC (SMG) C642 254 4403 747 Electrolyte 1000pt/525V CE04W1E103MC (SMG) C643 254 4256 787 Electrolyte 1pt/50V CE04W1E103MC (SMG) C644 254 4256 787 Electrolyte 1pt/50V CE04W1E103MC (SMG) C646 254 4256 787 Electrolyte 1pt/50V CE04W1E103MC	ı	C609~612	255 1265 936	Mylar film 0.01µF/50V	CQ93M1H103J((B)	RL501	214 0127 003	Relay (RY-12W)		1
C693,640 254 4259 386 Electrolytic 1µF/ESV CECHW1H010M C642 254 4429 348 Electrolytic 1µF/ESV CECHW1H010M CEC	ı	C635	254 4254 938	Electrolytic 47μF/16V	CE04W1C470M		RL502~504	214 0195 006	Relay FTR-F1		3
C641 254 4260 948 Electrolytic 11μF/SOV CECHW1H010M		C636~638	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103Z(I	DD-3)	⚠ RL505	214 0188 000	Relay VS-12MBNR-SM2(TV-8)	475 %	1
C642	ı	C639,640	254 4256 936	Electrolytic 47μF/25V	CE04W1E470M		22 Control 10 Control		BINGS OF BINGS OF BUILDING A 1990 STATE OF BUILDING STATE OF BUILDING AND A ST		
C843	ı	C641	254 4260 948	Electrolytic 1μF/50V	CE04W1H010M		▲ T501	233 6073 000	Power trans. (Mini)-EU		1
C644		C642	254 4403 747	Electrolytic 10000μF/25V	CE04W1E103M	C					
C644,845 258 1058 971	ı				(SMG)	- 1	TM501,502	205 0472 013	8P SP terminal (EAEK)		2
C646 254 4282 784 Electrolytic 470µF/63V CE04W1J471MC CP3A1H104 CL CF3A1H104 CL CC CC CC CC CC CC C					CE04W1E102M	C					
C647 256 1058 971 Metalized 0.1µF/50V CF93A1H104J (JL) 4 15 0309 026 P.V.C. tube (L=20) for TH501 26 488 258 8014 702 Ceramic 0.01µF/60V Cik4sF26AG163MC CE04W1H010M 4 35 0394 A AC501 203 3975 002 A Coutlet (L=20) for TH501 C680 254 4260 948 Electrolytic 19µF/50V CK46F1H103C(DD-3) CE04W1C33MC(SMG) CE04W1C32MC(SMG) CE04W1C32MC(SMG) <td< td=""><td>1</td><td></td><td></td><td></td><td>CF93A1H104J (</td><td>JL)</td><td>TP501~505</td><td>205 0190 036</td><td>3P NH connector base</td><td></td><td>5</td></td<>	1				CF93A1H104J (JL)	TP501~505	205 0190 036	3P NH connector base		5
258 80 4 702 Ceramic 0.01 InFAOV(AC) CK45F2GAG103MC C660 254 4260 946 Electrolytic 1µF/50V CEO4WTH010M CR45F1H1032(DD-3) C670 254 4265 438 Electrolytic 3000µF/16V CEO4WTC470M C671 253 1181 904 Ceramic 0.01 InF50V CK45F1H1032(DD-3) C672 254 4269 948 Electrolytic 47µF/16V CEO4WTC470M C672 254 4269 948 Electrolytic 17µF/50V CCAWTC470M C675 253 1181 904 Ceramic 0.01 InF50V CK45F1H1032(DD-3) C675 253 1181 904 Ceramic 0.01 InF50V CK45F1H1032(DD-3) CK45F1H1032(DD-3) CF075	ı			•							
C660		and the second survey of the s	and the second of the second o	THE TO BE TO THE PROPERTY OF T	Control Man Section and Control of Control o			415 0309 026	P.V.C. tube (L=20)	for TH501	. 2
C684 253 1181 904 Ceramic 0.01μF/50V CK45F1H103Z(DD-3) Electrolytic 3300μF/16V CEOWNICSSMIC(SMG)	4	Published School Street CA	ALCOHOMAN OF BILLIAMS		2000年的中央公司的1000年2月2日 1000年2月2日 1000年2月 1000年2月2日 1000年2	7.20 May 1975 1976					
C665 254 4406 702 C666 686 254 4406 702 C670	1						A AC501	203 3976 002	AC outlet (2P)		
C686				·							
C687-669 253 1181 904 Ceramic 0.01µF/50V CK45F1H103Z(DD-3) CEO4W1E470M CFO71 254 4256 936 Electrolytic 1µF/50V CR45F1H103Z(DD-3) CEO4W1H010M CR75 253 1181 904 Ceramic 0.01µF/50V CEO4W1H010M CK45F1H103Z(DD-3) CEO4W1H010M CR75 253 1181 904 Ceramic 0.01µF/50V CK45F1H103Z(DD-3) CEO4W1H010M CK45F1H103Z(DD-3) CK5F1H103Z(DD-3) CK5F1H103Z(DD	ŀ			, ,							
C670 254 4256 936 Electrolytic 47μF/25V CEO4W1E470M C671 253 1181 904 Ceramic 0.01μF/50V CK45F1H103Z(DD-3) CEO4W1H010M CK45F1H103Z(DD-3)	ı			, ,		- 1					
C671 253 1181 904 Ceramic 0.01µF/50V CK45F1H103Z(DD-3) CE04W1H010M CK45F1H103Z(DD-3) CE04W1H010M CK45F1H103Z(DD-3)	ı			•							
C672 254 4280 948 Electrolytic 1μF/50V CE04W1H010M CK45F1H103Z(DD-3)	l						l l				
C675 253 1181 904 Ceramic 0.01μF/50V CK45F1H103Z(DD-3) OTHER PARTS Q'ty CW155 205 0885 040 15P connector socket (TUC-P) 1 CX021 205 0581 001 2P VH connector base 1 CX022 205 0606 025 2P wrapping terminal 1 CX034 205 0606 025 2P wrapping terminal 1 CX033 205 0343 032 3P connector base (KR-PH) 1 CX051-055 205 0884 009 5P connector base (TUC-P) 5 CX067 205 0233 088 5P EH connector base 1 CX061-069 205 1064 064 6P pin header (TXX)V 9 CX111,112 205 0884 087 11P connector base (TUC-P) 2 CX111,112 205 0884 067 15P connector base (TUC-P) 2 CX960 205 1084 064 6P pin header (TXX)V 1 CX968 205 1037 082 6P pin header (TXX) 1 CY032 205 0087 039 3P wrapping terminal 1	ı			· ·							
OTHER PARTS Q'ty CW155 205 0885 040 15P connector socket (TUC-P) 1 CX021 205 0881 001 2P VH connector base 1 CX022 205 0806 025 2P wrapping terminal 1 CX024 205 0806 025 2P wrapping terminal 1 CX031 205 0343 032 3P connector base (KR-PH) 1 CX051-055 205 0884 009 5P connector base (TUC-P) 5 CX051-055 205 0233 058 5P EH connector base 1 CX061-069 205 1064 064 6P pin header (TXX)V 9 CX091 205 0884 087 11P connector base (TUC-P) 1 CX111,112 205 0884 067 11P connector base (TUC-P) 2 CX960 205 1084 084 6P pin header (TXX)V 1 CX960 205 1037 062 6P pin header (TXX) 1 CY032 205 0087 039 3P wrapping terminal 1	l					- 1					
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△F8 206 1046 014 Fuse 8A 1	3000		Secretary and the second								
A F11,12 206 1039 076 Fuse 2.5A 2	3300		0.0000000000000000000000000000000000000	The second of th		2					
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1U-3109 AUDIO IN DSP UNIT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICO	NDUCTORS	GROUP		D731	276 0438 910	Diode MA151A	
IC601	263 0896 909	IC NJM2068MD					
IC603	262 2034 009	IC TC9273N-007		D856,857	276 0438 949		
IC606	263 0898 907	IC NJM5532MD		D859	276 0438 949	Diode MA151WK	·
IC701	262 2490 902	IC PCM1716E		D901,902	276 0438 910	Diode MA151A	
IC702,703	263 0896 909	IC NJM2068MD					
IC731	The state of the s	IC BA15218F					
IC751	262 2490 902	IC PCM1716E					
IC752,753	263 0896 909	IC NJM2068MD		DECICTO	RS GROUP		L
			·			Corton ship 470 ship 4/40/4/	RM73B471J
IC801	262 2490 902	IC PCM1716E	ľ	R519~522		Carbon chip 470 ohm 1/10W	1
IC802~804	263 0896 909	IC NJM2068MD		R523~526		Carbon chip 2.7 Mohm 1/10W	RM73B275J
IC851,852	263 0934 900	IC BA4510F		R601,602		•	RM73B0R0K
IC853	263 0673 902	IC BA10393F		R603,604	247 0006 946	•	RM73B391J
IC854	262 2426 905	IC AK5351-VF		R605,606	247 0011 986	•	RM73B683J
IC855		Crystal SG-531PH(12.288MHZ)	1	R607,608	247 0012 969	Carbon chip 150 kohm 1/10W	RM73B154J
		,	ł	R609,610	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
1C900	263 1048 002	IC BA033T		R611,612	247 0005 992	Carbon chip 240 ohm 1/10W	RM73B241J
IC901	1	. [R613,614	247 0012 956	Carbon chip 130 kohm 1/10W	RM73B134J
IC902		IC TC74HCT7007AF		R615,616	247 0009 998	Carbon chip 11 kohm 1/10W	RM73B113J
IC903	262 2489 007		ŀ	R617,618	247 0003 949	Carbon chip 22 ohm 1/10W	RM73B220J
IC904		IC TC74HC00AF	ļ	R619,620	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
IC905	· .	IC TC74HC123AF	ŀ	R621,622	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
IC906	262 2385 907	IC SN74HC14NS		R625~634	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B275J
IC907	262 1348 903			R635~644	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B471J
1C908	262 2284 901			R663,664	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B471J
IC909	262 1665 903			R665,666	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B275J
IC910		IC HD74HC157FP		R667,668	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
IC911		IC CS8414-CS		R671,672	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				R673,674	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
TR601,602	275 0094 908	FET 2SK209-GR		R677,678	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
TR603	269 0055 900	Transistor DTA144EK	·	R679,680	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
TR604	269 0054 901	Transistor DTC144EK		R681	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
		Transfer Brosses		R683,684	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
TR701~704	273 0414 906	Transistor 2SC3326(A/B)		R685,686	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
TR707	1			R691,692	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
TR731	1	FET 2SK209-GR					
TR732	269 0055 900	Transistor DTA144EK		R701~708	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
TR733	269 0054 901	Transistor DTC144EK		R709,710	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
TR751~754	273 0414 906	Transistor 2SC3326(A/B)		R711	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J
TR757	269 0083 901	Transistor DTA114EK		R712	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
111707	203 0000 001	TRANSISION DIATIFER		R713,714	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
TR801~804	273 0414 906	Transistor 2SC3326(A/B)		R715,716	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B221J
TR807	269 0083 901	Transistor DTA114EK		R717~720	247 0007 961	Carbon chip 1.2 kohm 1/1 0W	RM73B122J
TR852	269 0083 901	Transistor DTA114EK	- 1	R721~724	247 0008 960	Carbon chip 3.3 kohm 1/1 0W	RM73B332J
111002	209 0000 901	Handow DIATIMEN	·	R725,726	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
TR901,902	269 0082 902	Transistor DTC114EK		R727,728	247 0009 943	Carbon chip 6.8 kohm 1/1 0W	RM73B682J
	1			R729,730	247 0009 943	Carbon chip 6.8 kohm 1/1 0W	RM73B682J
TR903	269 0054 901	Transistor DTC144EK		R735,736	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
DE01	276 0420 040	Diodo MA15+WW		R737,738	247.0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
D601	276 0438 949	Diode MA151WK	į į	R741~743	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
				R744,745	247 0010 974	Carbon chip 24 kohm 1/10W	RM73B243J

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R746	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J	R892,893	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R747	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	R894,895	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J
R748	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J	R896,897	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
R751	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	R899,900	247 0012 969	Carbon chip 150 kohm 1/10W	RM73B154J
R752	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J	R901	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
R753	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	R902	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
R754	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J	R904,905	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
R755~758	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	R906,907	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R759,760	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	R908	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
R761	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J	R909,910	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R762	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J	R913~915	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R763,764	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	R916,917	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J
R765,766	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B221J	R918	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R767~770	247 0005 976	Carbon chip 200 ohm 1/10W	RM73B201J	R920	247 0014 967	Carbon chip 1 Mohm 1/10W	RM73B105J
R771~774	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B332J	R921	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B333J
R775,776	247 0010 932	Carbon chip 16 kohm 1/10W	RM73B163J	R922	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
R777,778	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J	R929	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R781	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	R931~933	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
R782	247 0009 914	Carbon chip 5.1 kohm 1/10W	RM73B512J	R934	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
R784	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	R935	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
R785,786	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J	R936	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R787,788	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	R937,938	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
R789,790	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B162J	R939~942	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
125,55				R943	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J
R801~808	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	R944	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K
R809,810	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	R951	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J
R811	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J	R952	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B103J
R812	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J	R953~955	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B470J
R813,814	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	R956~958	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J
R815,816	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B221J	R985,986	247 0010 916	Carbon chip 13 kohm 1/10W	RM73B133J
R817~820	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B102J				
R821~824	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B332J	CARACIT	ORS GROU	•	l ,
R825,826	247 0010 932	Carbon chip 16 kohm 1/10W	RM73B163J				CC73SL1H221J
R827,828	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J	C601,602	257 0005 944	Ceramic chip 220 pF/50V	CE04W1C100M
R831,832	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	C603,604	254 4254 909	Electrolytic 10µF/16V	CC73SL1H101J
R835,836	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J	C605,606		Ceramic chip 100 pF/50V	CE04W0J221M
R837,838	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B104J	C607,608	254 4250 932 255 4199 999	Electrolytic 220µF/6.3V	CQ92M1H243J(MRZ)
R839,840	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B162J	C609,610	255 1265 907	Mylar film 0.024µF/50V Mylar film 6800 pF/50V	CQ93M1H682J(B)
R851~854	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	C611,612 C613,614	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H487M
R855,856	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J	C615,614	257 0012 982	Ceramic chip 0.022µF/50V	CK73F1H223Z
R857,858	247 0009 998	Carbon chip 11 kohm 1/10W	RM73B113J		257 0012 962	Ceramic chip 0.01μF/50V	CK73F1H103Z
R859,860	247 0008 986	Carbon chip 3.9 kohm 1/10W	RM73B392J	C645 C647	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
R861~864	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	C649	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M
R865~868	247 0006 920	Carbon chip 330 ohm 1/10W	RM73B331J	C651	254 4260 977	Electrolytic 4.7µF/50V	CE04W1H4R7M
R869	247 0019 991	Carbon chip 4.7 kohm 1/10W	RM73B472F	C655,656	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R870	247 0020 906	Carbon chip 12 kohm 1/10W	RM73B123F	C657,658	254 4254 909	Electrolytic 1µF/50V	CE04W1H010M
R871~873	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B472J	C671,672	254 4254 938	Electrolytic 47µF/16V	CE04W1C470M
R874,875	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B0R0K	00/1,0/2	207 4204 300	Liconorytic 47 µt / 10V	OCCUPATION ON
R878~880	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J	C701~704	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
R882	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B473J	C701~704	257 0006 969	Ceramic chip 680 pF/50V	CC73SL1H681J
R883,884	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B101J	C705~706	257 0006 969	Electrolytic 10µF/16V	CE04W1C100M
R885~887	247 0010 916	Carbon chip 13 kohm 1/10W	RM73B133J	C711,712	254 4254 909 255 1265 952		CQ93M1H153J(B)
R889	247 0010 916	Carbon chip 13 kohm 1/10W	RM73B133J	37 10,7 14	200 1200 302	mylar ilim olo topa 7004	3400

Dof No.	Part No.	Port Namo	Remarks	Ref. No.	Part No.	Part Name	Remarks
Ref. No.	254 4254 938	Part Name Electrolytic 47μF/16V	CE04W1C470M	C895.896	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z
C715,716	254 4254 936	Electrolytic 10μF/16V	CE04W1C100M	C897,898	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
C717,718 C733	256 1058 942	Metalized 0.056µF/50V	CF93A1H563J (JL)	C899	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z
	257 0003 988	Ceramic chip 47 pF/50V	CC73SL1H470J	0033	207 0014 900	Octamic crip o. 1µ1 /25v	
C721,722 C734	256 1058 984	Metalized 0.12µF/50V	CF93A1H124J (JL)	C901,902	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
C735,736	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z	C903	254 4260 948	Electrolytic 1µF/50V	CE04W1H010M
	254 4254 909	Electrolytic 10μF/16V	CE04W1C100M	C905	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M
C737 C742	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	C906	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
C742 C743,744	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z	C907	257 0012 900	Ceramic chip 0.1µF/25V	CK73F1E104Z
C745,744 C745~747	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	C908	257 0014 955	Ceramic chip 0.01µF/50V	CK73F1H103Z
	257 0014 935		CK73F1E104Z	C909	257 0012 900	Ceramic chip 1000 pF/50V	CC73SL1H102J
C748,749	254 4254 909	Electrolytic 10μF/16V	CE04W1C100M	C913	257 0007 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
C751~754	257 0006 969	Ceramic chip 680 pF/50V	CC73SL1H681J	C914	257 0012 900	Ceramic chip 1000 pF/50V	CC73SL1H102J
C755		· · ·	CK73B1E473K	C914 C915	257 0007 900	Ceramic chip 0.01µF/50V	CK73F1H103Z
C756	257 0011 983	, ,	CC73SL1H681J	C916	257 0012 900	Ceramic chip 0.1µF/25V	CK73F1E104Z
C757	257 0006 969	Ceramic chip 680 pF/50V	CK73B1E333K		257 0014 935	Ceramic chip 0.01µF/50V	CK73F1E104Z
C758	257 0011 967	Ceramic chip 0.033µF/25V	CE04W1C100M	C917		·	CK73B1E473K
C761,762	254 4254 909	Electrolytic 10µF/16V	CQ93M1H153J(B)	C918	257 0011 983	Ceramic chip 0.047µF/25V	CK73F1H103Z
C763,764	255 1265 952	· ·	CE04W1C100M	C919	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1F103Z
C765~768	254 4254 909			C920	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z
C775	257 0004 961		CC73SL1H101J	C921	257 0012 966	Ceramic chip 0.01µF/50V	
C776	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103K	C922	257 0007 900	Ceramic chip 1000 pF/50V	CC73SL1H102J
C792	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	C923	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103Z
C793,794	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z	C927	257 0008 983	Ceramic chip 1000 pF/50V	CK73B1H102K
C795~797	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	C928,929	257 0004 903	Ceramic chip 56 pF/50V	CC73SL1H560J
C798,799	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z	C930	257 0005 944	Ceramic chip 220 pF/50V	CC73SL1H221J CK73B1H102K
0004 004	054 4054 000	Flooring to 40. F/46\/	CE04/M/1C100M	C931	257 0008 983	Ceramic chip 1000 pF/50V	CK73F1E104Z
C801~804	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M CC73SL1H681J	C932	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104Z
C805~808	257 0006 969	' '		C934	257 0012 966	Ceramic chip 0.01µF/50V	
C811,812	254 4254 909	· ' '	CE04W1C100M	C936	257 0012 966 254 4260 935	Ceramic chip 0.01µF/50V	CK73F1H103Z CE04W1HR47M
C813,814	255 1265 952	'	CQ93M1H153J(B) CE04W1C100M	C937,938		Electrolytic 0.47µF/50V Ceramic chip 0.01µF/50V	CK73F1H103Z
C815~818	254 4254 909 256 1059 912	,	CF93A1H224J (JL)	C940,941 C942	257 0012 966 257 0008 983	Ceramic chip 1000 pF/50V	CK73F1H103Z
C821~824	1	'	CE04W1C100M		257 0006 985	•	CC73SL1H331J
C825,826	254 4254 909		CC73SL1H101J	C943	254 4252 930		CE04W1A101M
C827,828	257 0004 961	' '	CE04W1H010M	C947	254 4252 930 257 0012 966	,	CK73F1H103Z
C835,836	254 4260 948 254 4254 909		CE04W1C100M	C948 C949	257 0012 966	· ·	CK73B1H103Z
C842			CK73F1E104Z		257 0008 963 257 0012 966	•	CK73F1H103Z
C843,844	257 0014 935 254 4254 909		CE04W1C100M	C950	257 0012 966		CK73F1H103Z
C845~847 C848,849	1		CK73F1E104Z	C951 C952	257 0008 963		CK73F1H103Z
	257 0014 935		CK73F1E104Z	C952		Ceramic chip 1000 pF/50V	CK73F1H103Z
C851,852	257 0014 935	, ,	CE04W1C100M	C953~958	1	Ceramic chip 0.01µF/50V	CK73F1H103Z
C853,854	254 4254 909	,	CE04W1H010M			Metalized 0.047µF/50V	CF93A1H473J (JL)
C855,856	254 4260 948	, ,	CE04W1C100M	C959	1	·	CK73F1E104Z
C857,858	254 4254 909 255 1264 924		CQ93M1H152J(B)	C960 C961~964	257 0014 935	Ceramic chip 0.1μF/25V Electrolytic 10μF/16V	CE04W1C100M
C859,860	254 4260 948		CE04W1H010M	C965~968	254 4254 909 257 0004 961		CC73SL1H101J
C861	254 4260 948		CK73F1E104Z	C965~968 C995	257 0004 961	1	CK73B1H102K
C862	257 0014 935		CK73B1H102K	C995 C997~999	256 1058 971		CF93A1H104J (JL)
C865	257 0008 983		CK73F1H103Z	C99/~999	200 1000 9/1	wetalized 0.1µF/30V	OUSOVILLIDAN (OF)
C866	1		Contract of the Contract of th				
C867	254 4254 941 257 0008 983		CE04W1C101M CK73B1H102K				
C888,889	257 0008 983		CK73B1H102K				
C890		· · · · · · · · · · · · · · · · · · ·	CK73F1E104Z				
C892,893	257 0014 935	1				1.	
C894	254 4254 909	Electrolytic 10µF/16V	CE04W1C100M	L	I	1	

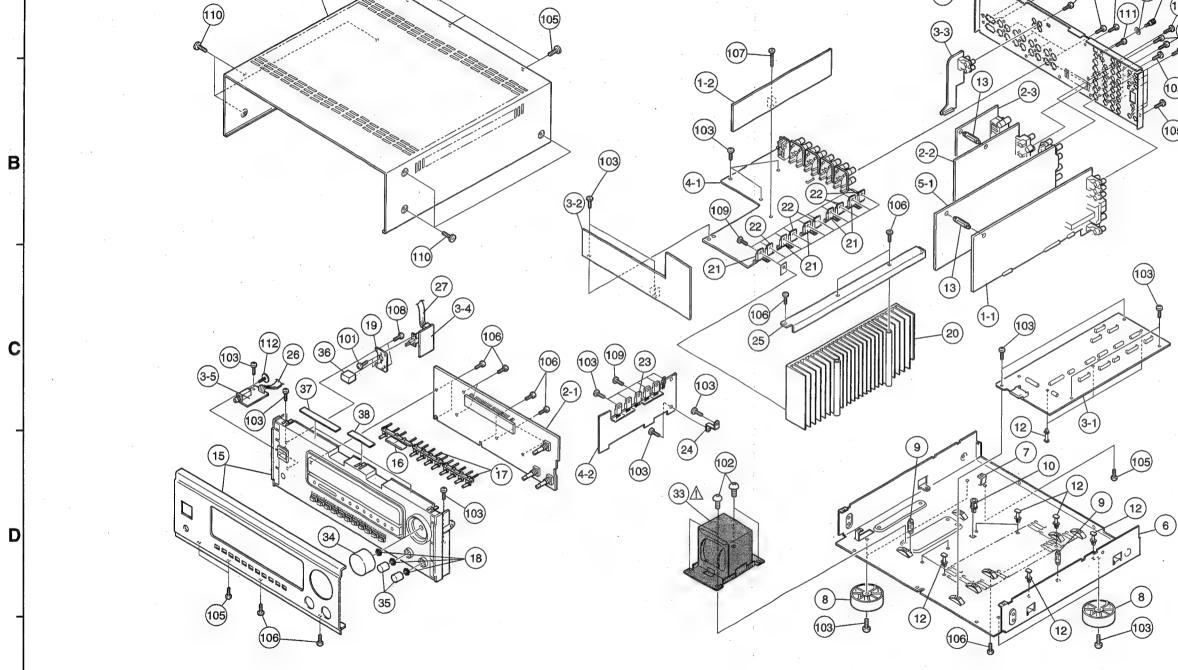
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Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER P	ARTS			
CW041	205 0885 082	4P connector socket (TUC-P)		1
CW071		7P connector socket (TUC-P)		1
CW102	205 0885 053	10P connector socket (TUC-P)		1
CW114	205 0885 066	11P connector socket (TUC-P)		1
CW151	205 0885 040	15P connector socket (TUC-P)		1
CW157	205 0885 040	15P connector socket (TUC-P)		1
CX103	205 0375 000	10P connector base (KR-PH)		1
FB701~709	235 0049 900	Beads inductor		9
FB851~854	235 0049 900	Beads inductor		4
FB901~917	235 0106 908	Chip emifil (21A05)		17
	235 0049 900	, ,		2
FB923~928		Beads inductor		6
FB929		Chip emifil (21A05)		1
FB930		Beads inductor		
FB931~933	235 0106 908			3
FB934	235 0049 900	, , ,		4
FB935~940	235 0106 908			6
FB941	235 0049 900	• • •		1
	235 0106 908			2
	235 0106 908			2
1 0040,040	200 0100 000	Orap Oranii (E 17100)		_
JK501	204 8543 006	6 P pin jack		1
JK601,602	204 8543 006	6 P pin jack		2
X901	399 0191 903	Ceramic 4.00 MHz	CST4.00MGW	1
			-TF01	
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EXPLODED VIEW OF CHASSIS AND CABINET WARNING: Parts marked with this symbol △ □ have critical characteristics. Use ONLY replacement parts recommended by the manufacturer. В

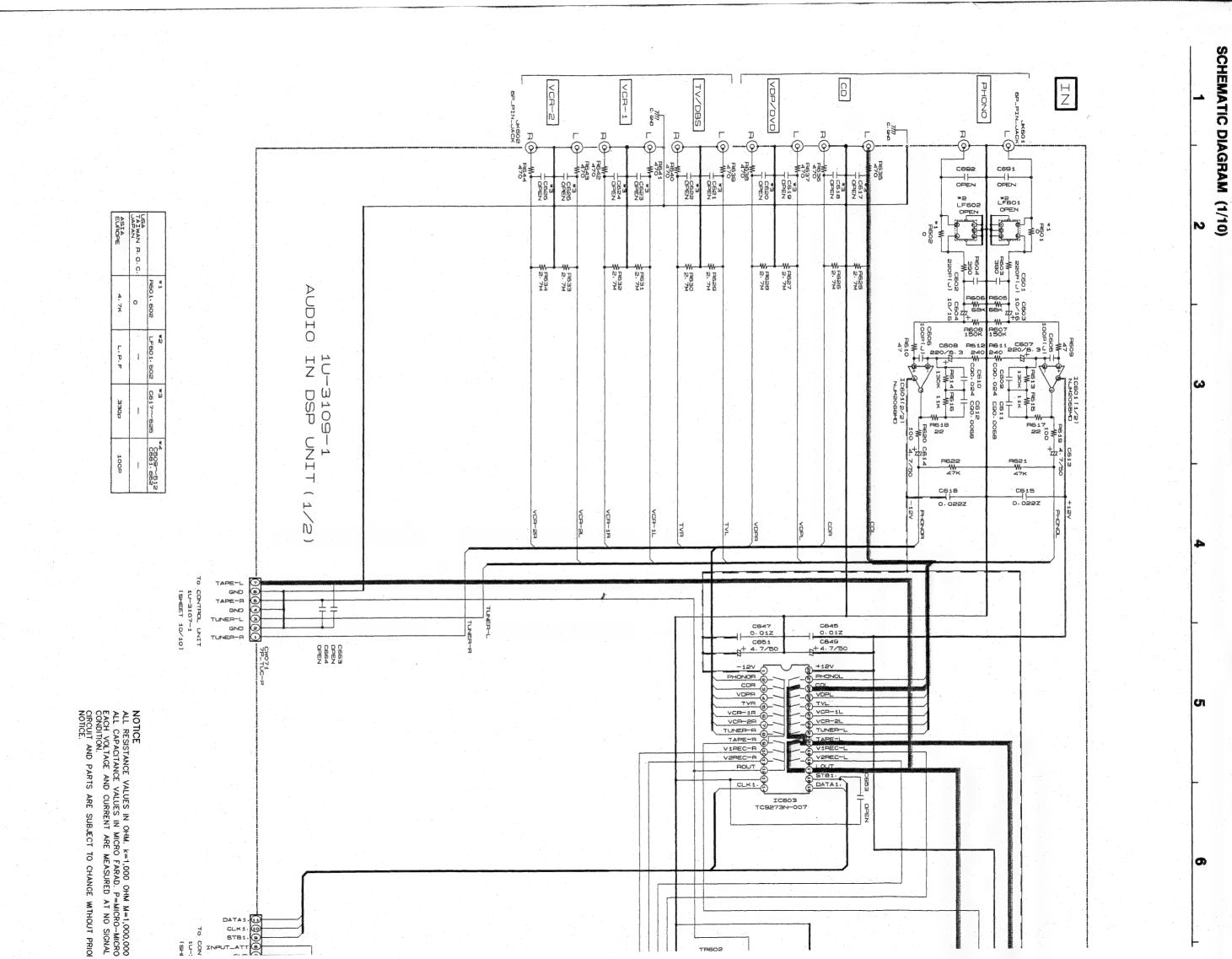


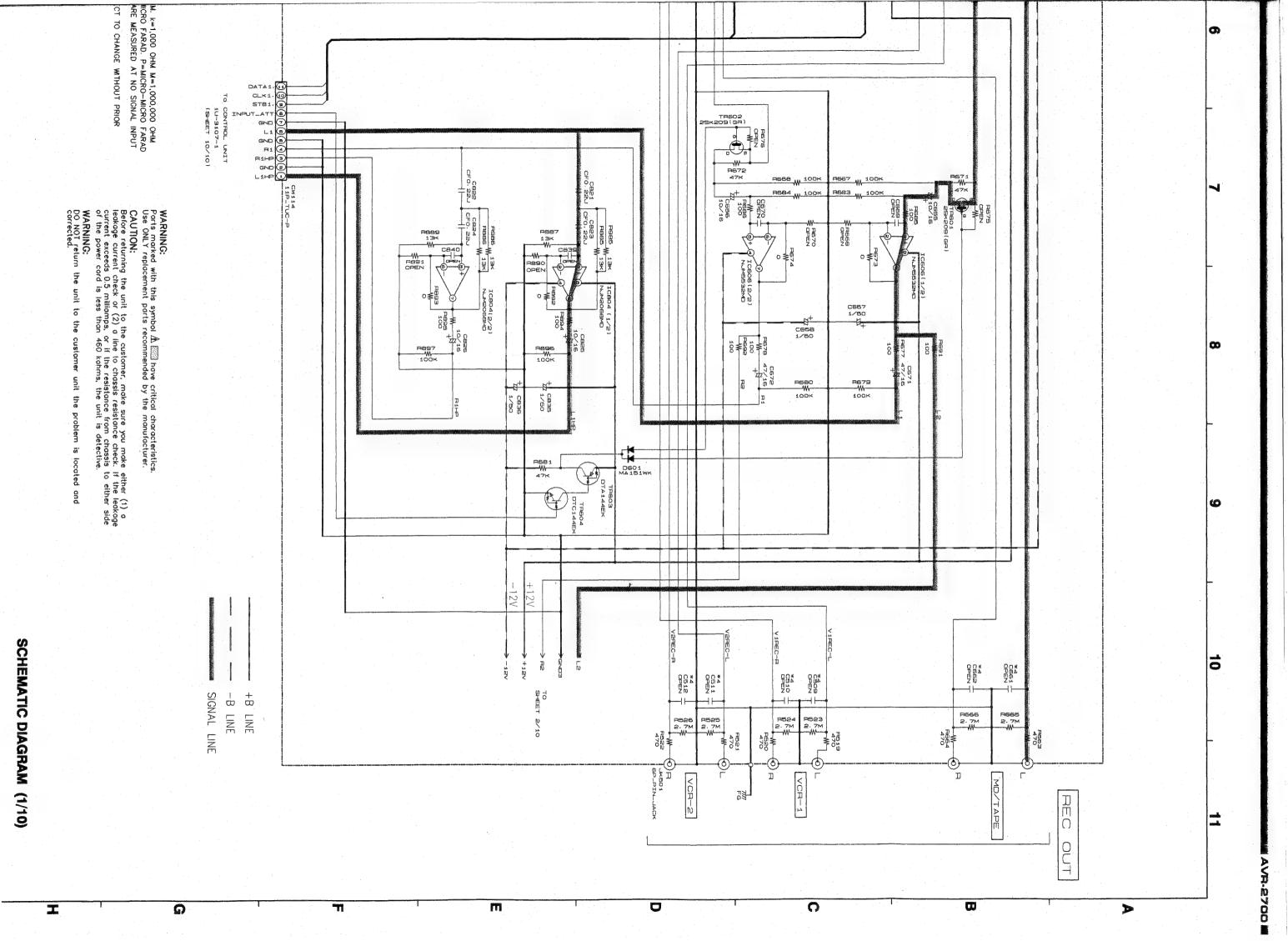
PARTS LIST OF EXPLODED VIEW

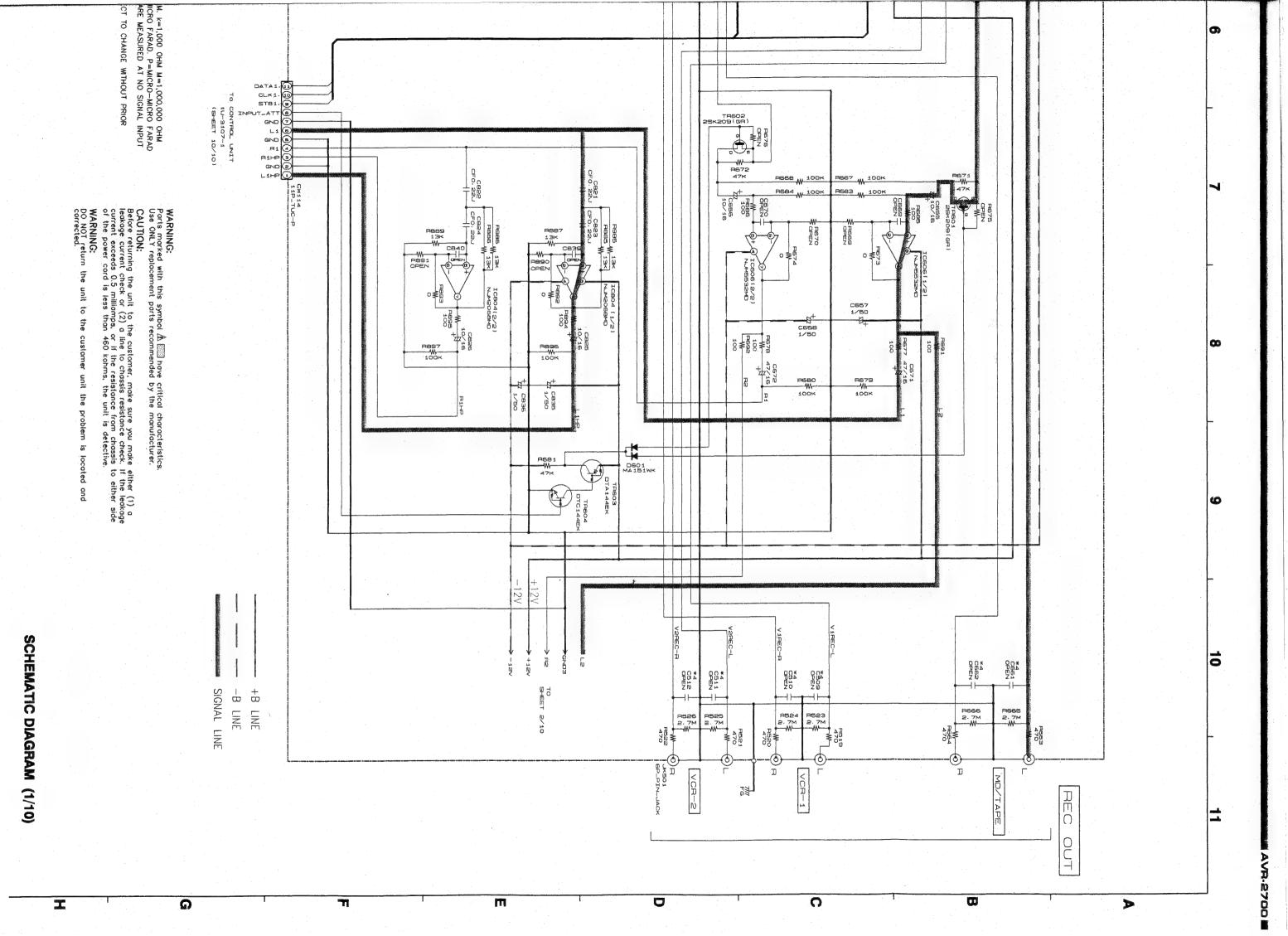
Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
1	1U-3105	Tuner amp. unit ass'y		1	SCREWS				
- 1·1	1U-3105-1	Tuner VR unit			101	471 3303 016	Screw 3 x 6 CBS-Z		2
1-2	1U-3105-2	Amp. unit			102	1	Screw 4 x 6 CBTS (S)-Z		4
2	1U-3106	Display video unit ass'y			103)	Screw 3 x 10 CBTS(S)-Z		24
2-1	1U-3106-1	Display unit			104	ł	Screw 3 x 14 CBTS (S)-B		1
2-2	1U-3106-2	C - video unit			105	l	Screw 3 x 8 CBTS(S)-B		11
2-3	1U-3106-3	S - video unit			106	1 2	Screw 3 x 10 CBTS (P)-Z		15
3	1U-3107	Control unit ass'y		1	107	ł	Screw 3 x 20 CBTS (P)-Z		1
3-1	1U-3107-1	Control unit			108	l	Screw 2.6 x 8 CBTS(P)-Z		2
3-2	1U-3107-2	Connect unit			109		Cup screw 3 x 12		11
3-3	1U-3107-3	Pre out unit			110		Screw 4 x 8 CBTS(B)-B-3P		6
3-4	1U-3107-4	Power switch unit			111	477 0064 107			24
3-5	1U-3107-5	Headphones unit			112	l	Special screw		1
4	1U-3108	Power amp. unit ass'y		1	112	4// 0202 000	Special screw		'
4-1	1U-3108-1	Power amp. unit							
4-2	1U-3108-2	Regulator unit							
5	1U-3109	Audio in DSP unit ass'y		1	PACKING	& ACCESS	ORIES		
5-1	1U-3109-1	Audio in DSP unit			201	504 9102 029	Stylen paper		1
6	411 1372 416	Main chassis		1	202	505 9102 019	Poly. cover		1
. 7	412 4210 002	Bracket		1	203	503 1236 204	Cushion ass'y		1 1
8	104 0194 205			4	204	505 8006 019	Envelope		1
9	449 0133 017	· ·		2	205	511 3263 001	Instruction manual		1
10	,	P.W.B. catcher		1 1	206	231 0922 009	Loop antenna		1
12	412 2814 028			11	207	395 0023 008	FM antenna ass'y		1
13	449 0133 004	, , ,		2	208	399 0498 004	RC-844 remocon unit		1
14	105 1281 000	Back panel		1	209	515 0671 601	Service station list (EX)		1
15	146 2065 019	· · · · · · · · · · · · · · · · · · ·		1	. 210	529 0079 008	FM ant. adapter		1
16	113 1804 006	' '			211	501 1988 048	Carton case	,	1
17	113 1805 005	Function knob		2	212	513 1389 006	Control card base		1
18	113 1803 003	9 nut		3	213	513 1349 004	Thermal carbon film		1
19	412 4163 007	Switch bracket		1	214	517 1318 066	UPC label		1
20	417 0569 008								
21	273 0389 031	Transistor 2SC3855		5					
	273 0309 031	LB(O/P/Y)(Z)	·						
22	271 0240 035			5					
		LB(O/P/Y)(Z)							
23	271 0239 020	Transistor 2SA1489		1					1
1		LB1 (O/P/Y)			•				
24	412 4127 001	P.W.B. bracket (B)		1 1					
25	412 4296 000			1	il	,			
26	203 4871 067		CN033	1					
27	203 2374 029	2P VA-VA cord	CN021	_ 1					
28	445 8004 007			3		*		·	1
▲ 29	206 2060 002	AC cord (polarized)	100	1.					
30	445 0056 008	Cord bush		1					
31	477 0018 014	Washer (P-87) D10		1					
32	205 0071 016		N. C.	1					
Δ 33	233 6253 008	Power trans. (EU/EC)		1					
34	112 0744 067	VR. knob ass'y		1					
35	112 0685 100	Knob (MARU)		2					
36	113 9213 000	P. knob (P) ass'y		1					
37	461 0976 009	Rubber sheet		2	[]				
38	461 0976 012	Rubber sheet		1					
39	102 0590 036	Top cover		1					

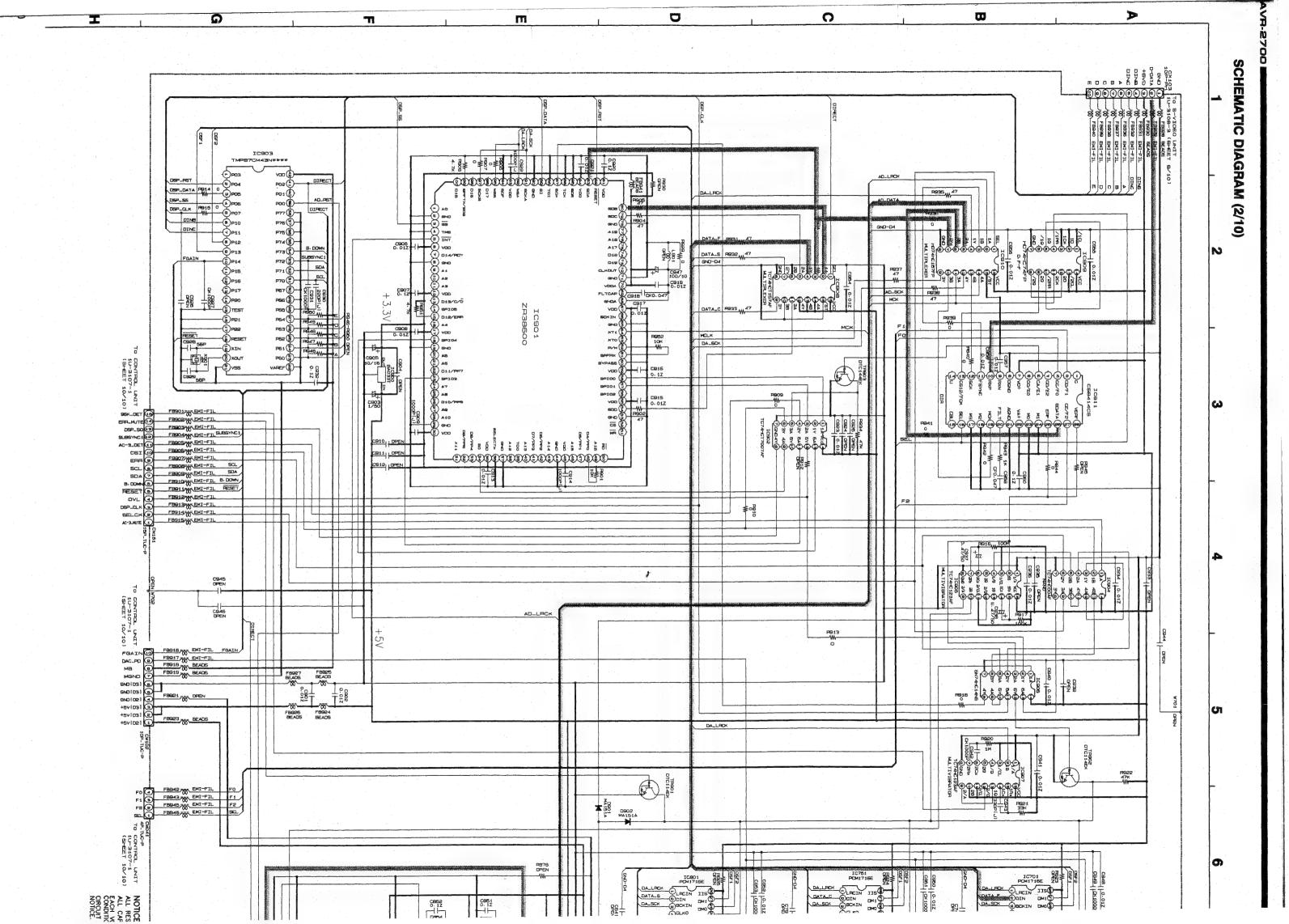
WIRING DIAGRAM

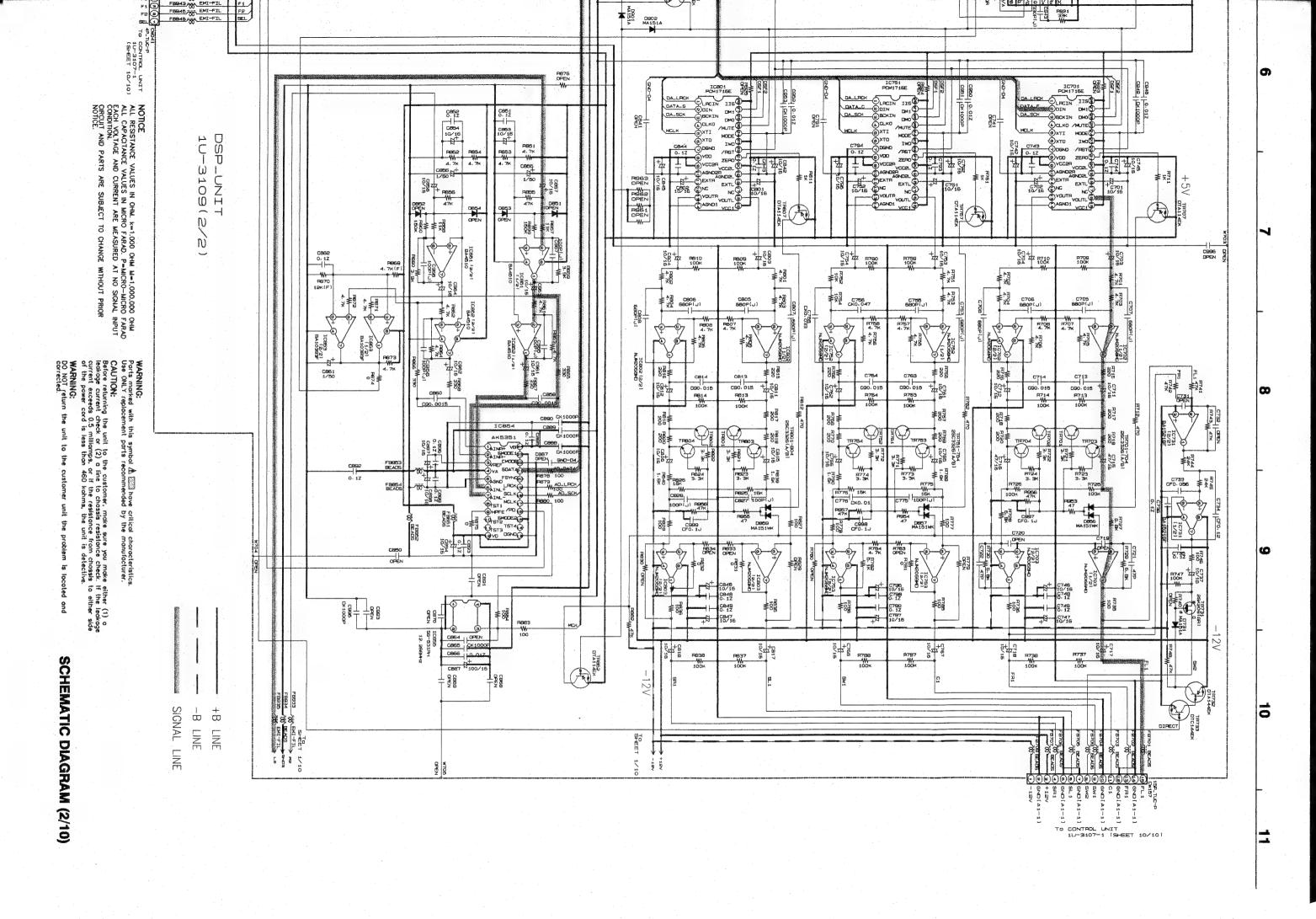
1 1U-3106-1 DISPLAY UNIT A 1U-3107-4 POWER SWITCH UNIT 1U-3107-5 H/P UNIT OO CYOZ: 1U-3107-2 CONNECT UNIT 10-3108-2 REGULATOR UNIT 10-3107-1 CONTROL UNIT POWER TRANS 10-3105-2 AMP UNIT 10-3106-1 POWER UNIT CXOZ1 VA TO AC DUTLET | ASIA/EUROPE Model only) TUREPR CONTROL TUREPR CONTROL TUREPR CONTROL TUREPR CONTROL TUREPR CONTROL TUREPR CONTROL TO CONTROL TUREPR CON 1U-3107-3 PRE OUT UNIT 10-3105-1 1U-3106-2 C-VIDEO UNIT 1U-3106-3 S-VIDEO UNIT TUNER EXT. IN UNIT

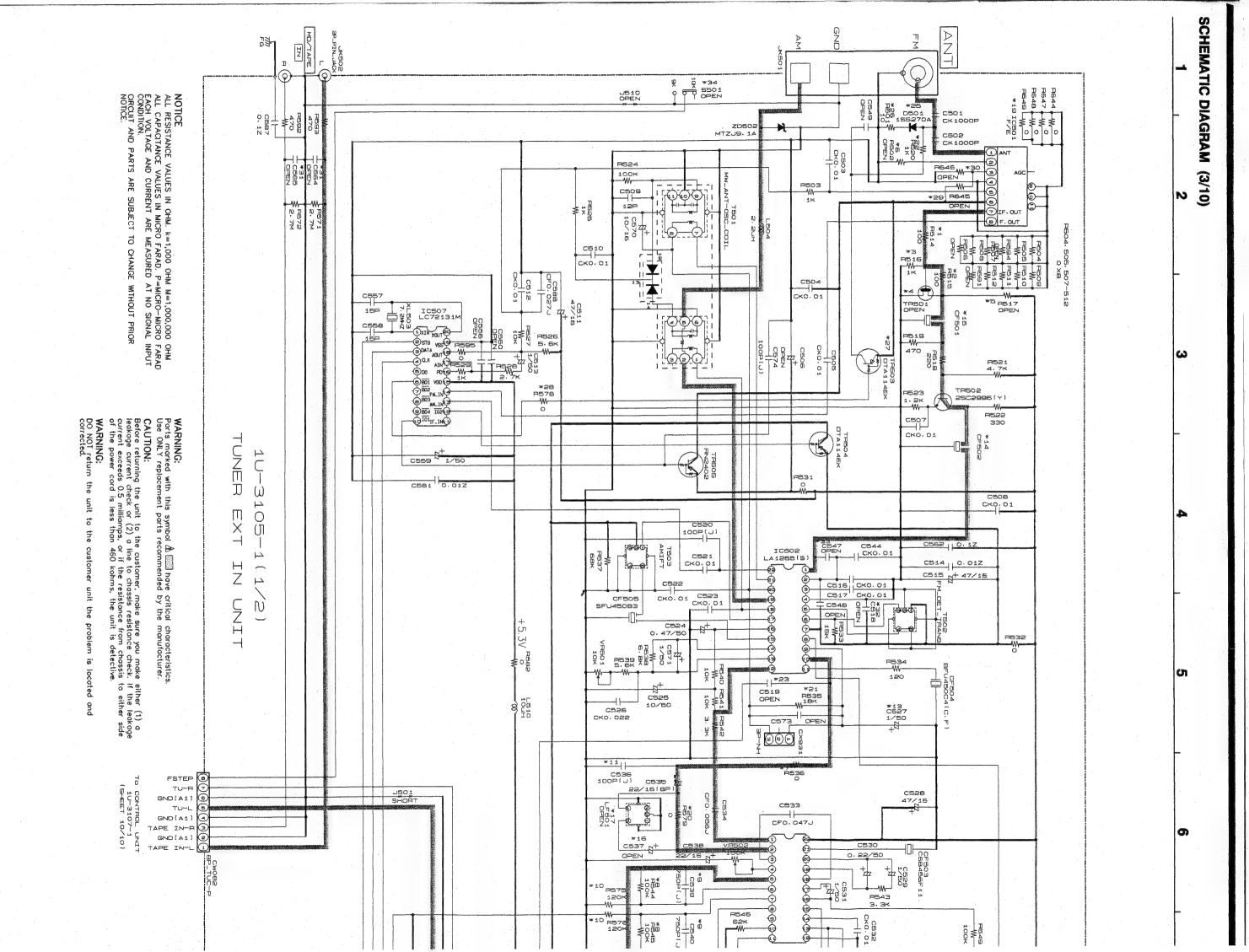


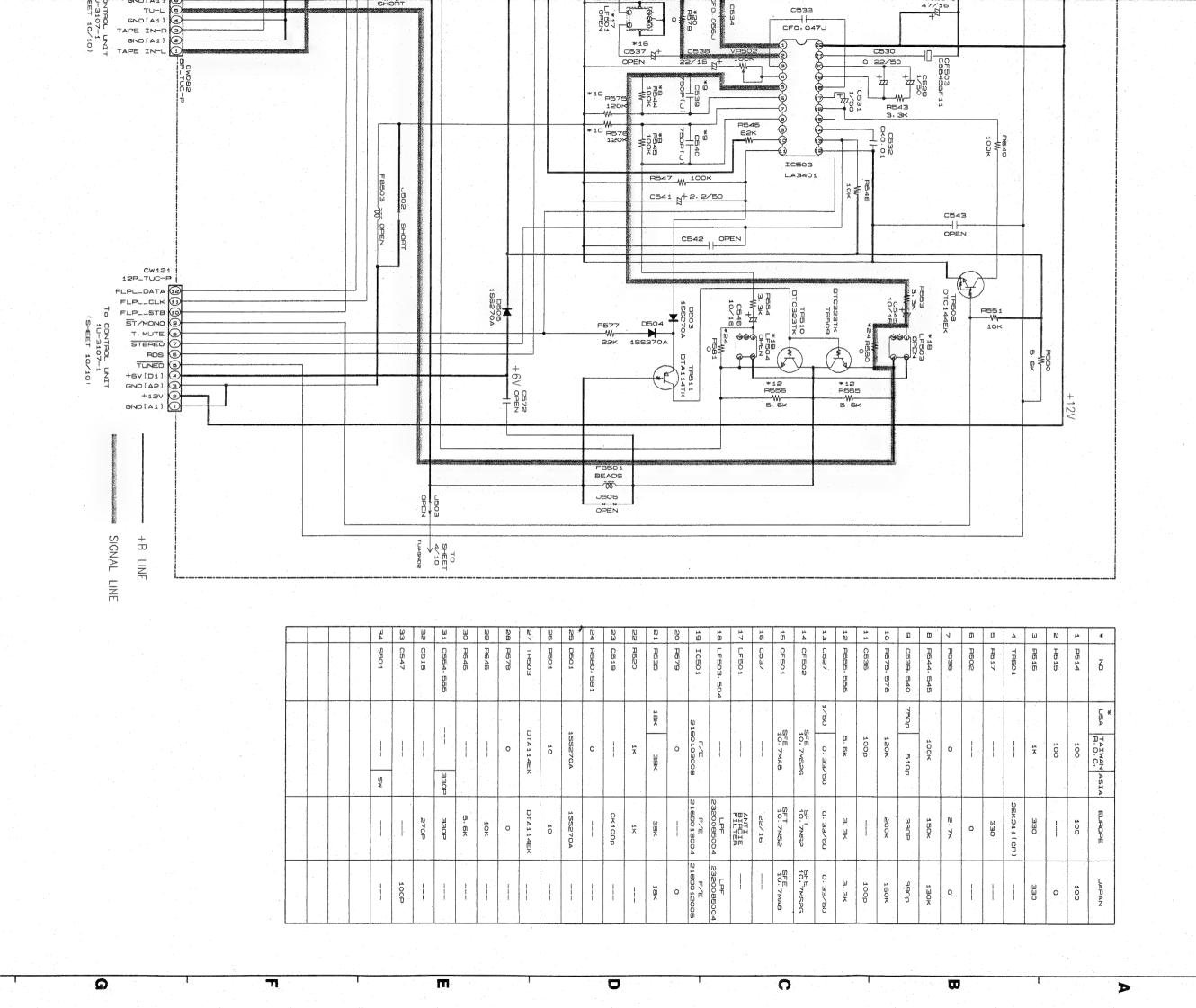












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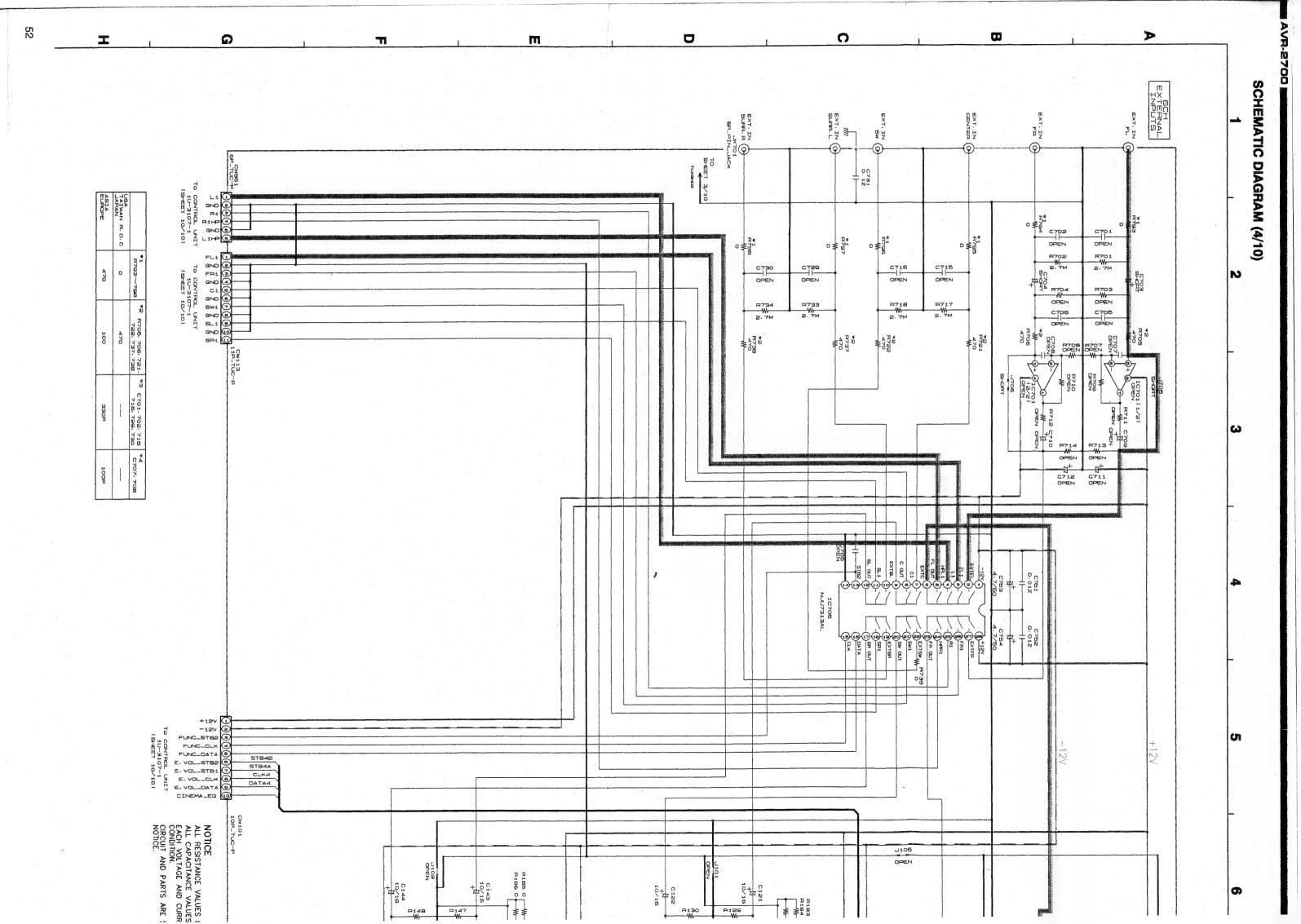
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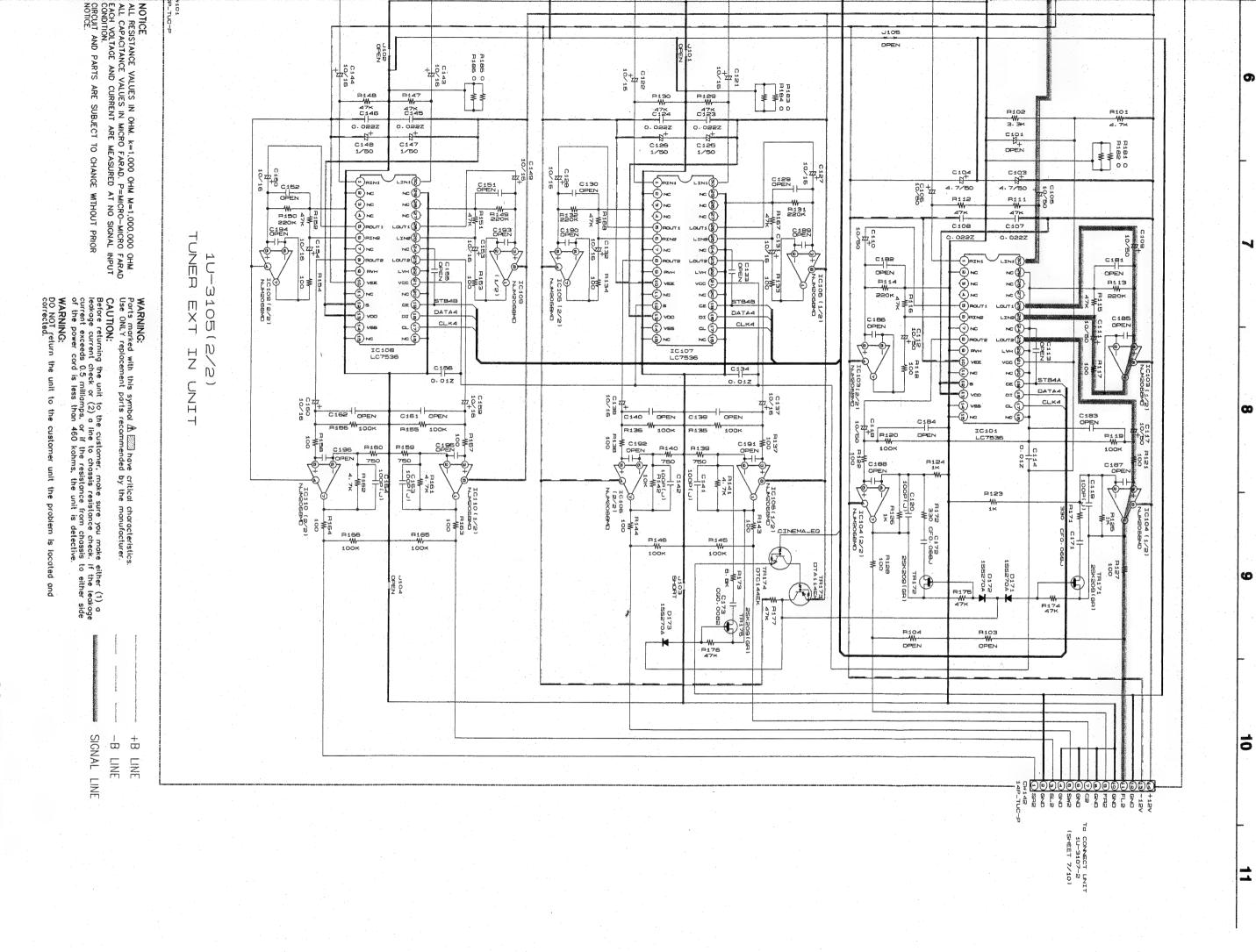
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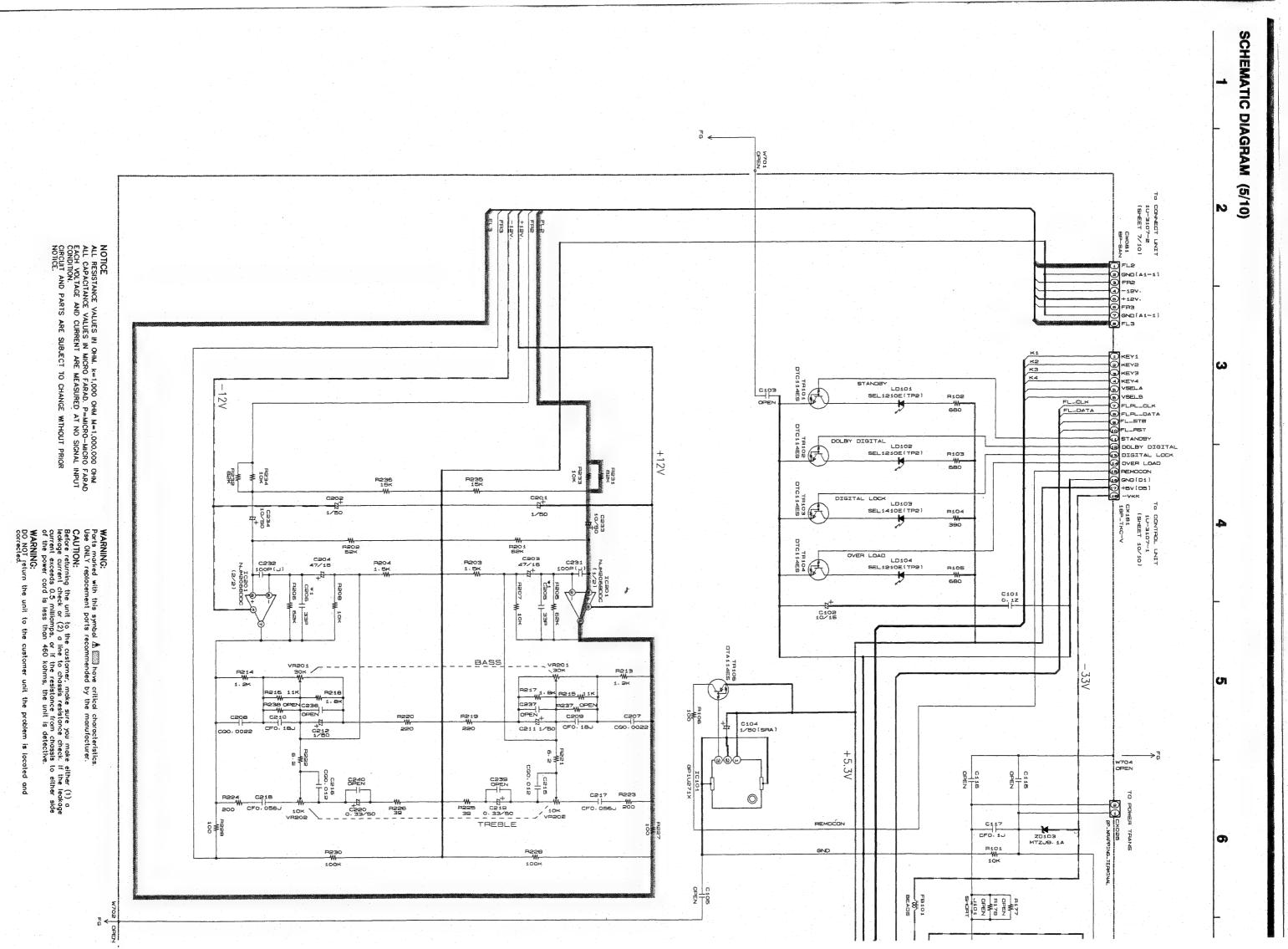
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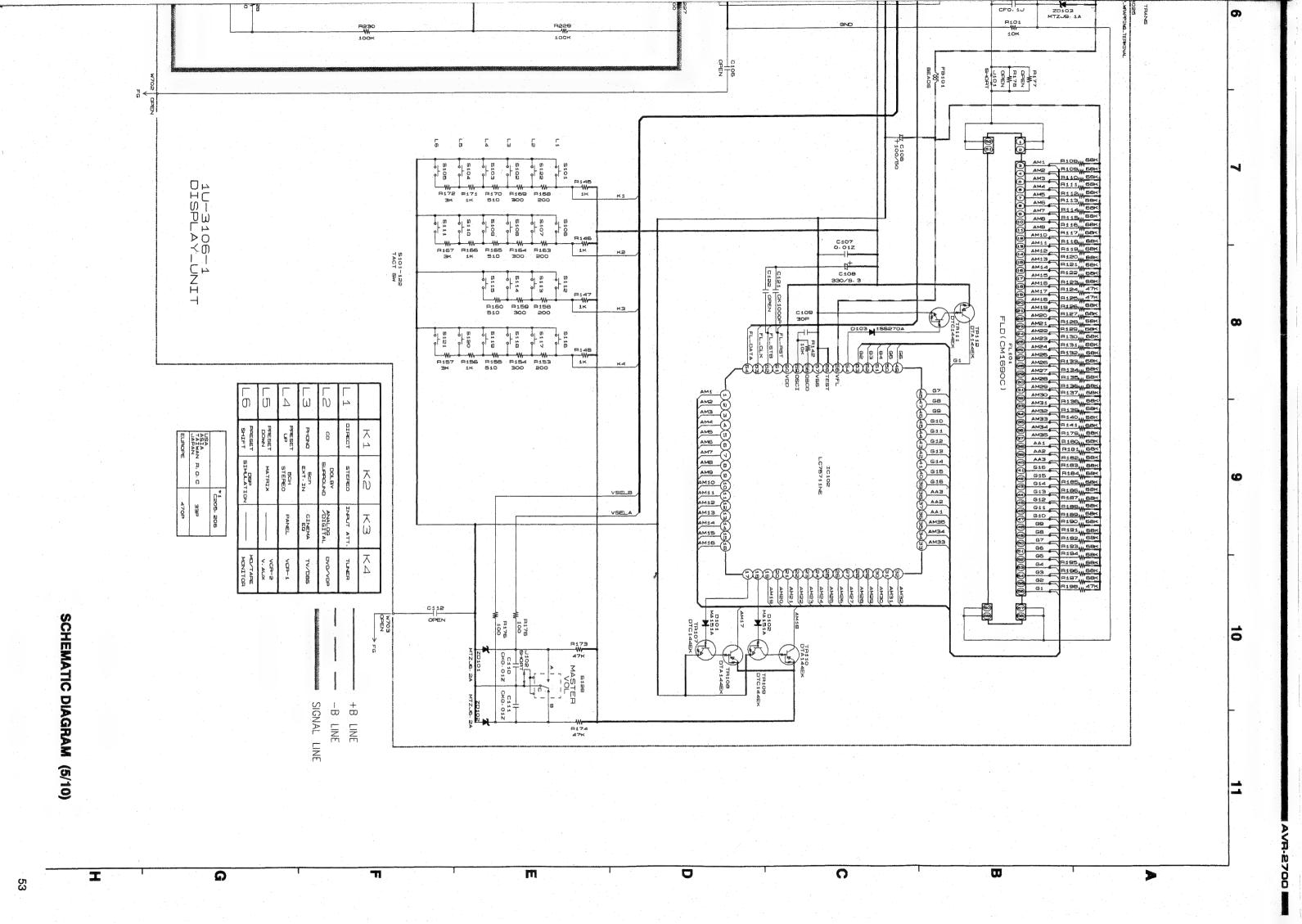
AVR-2700

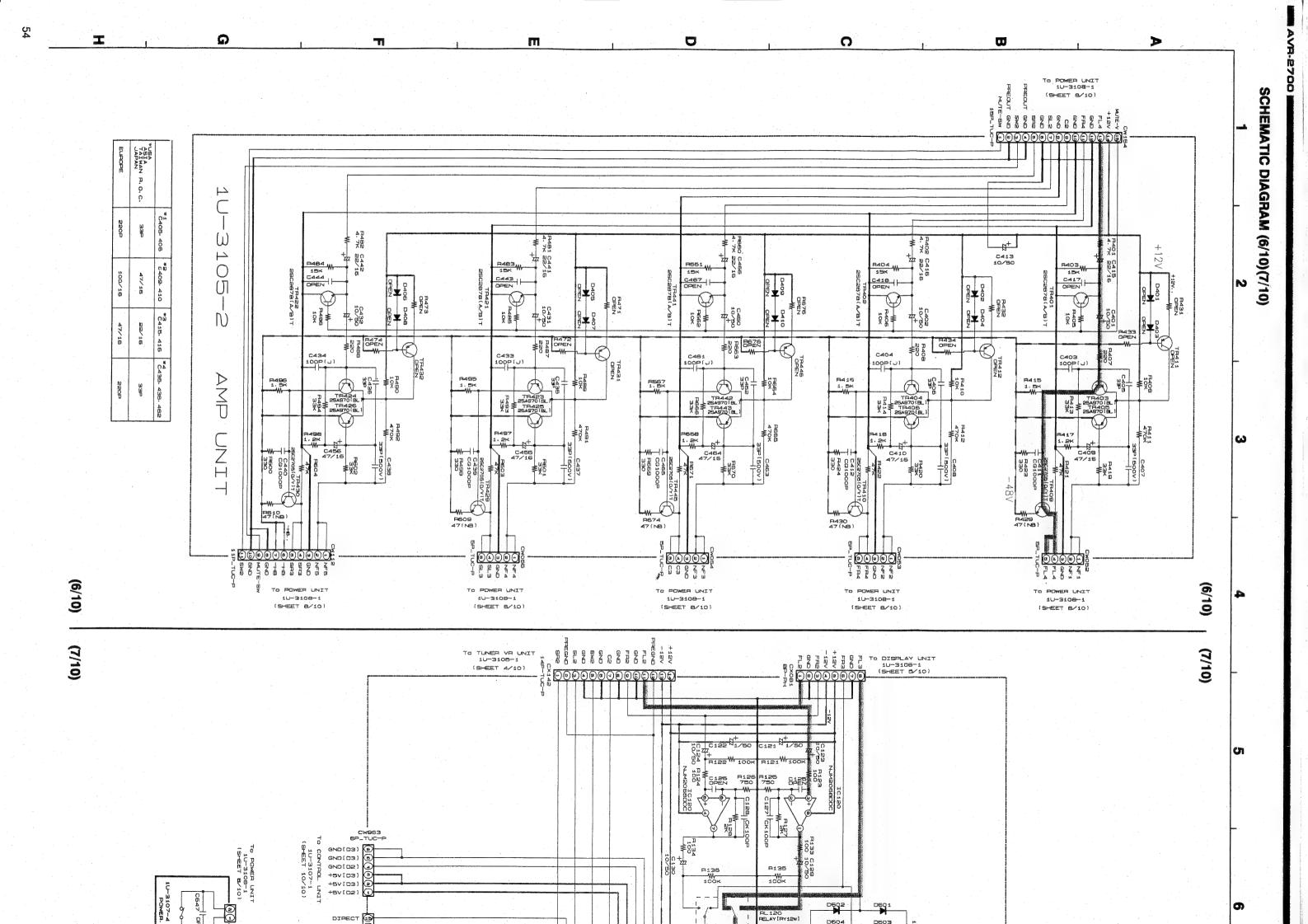
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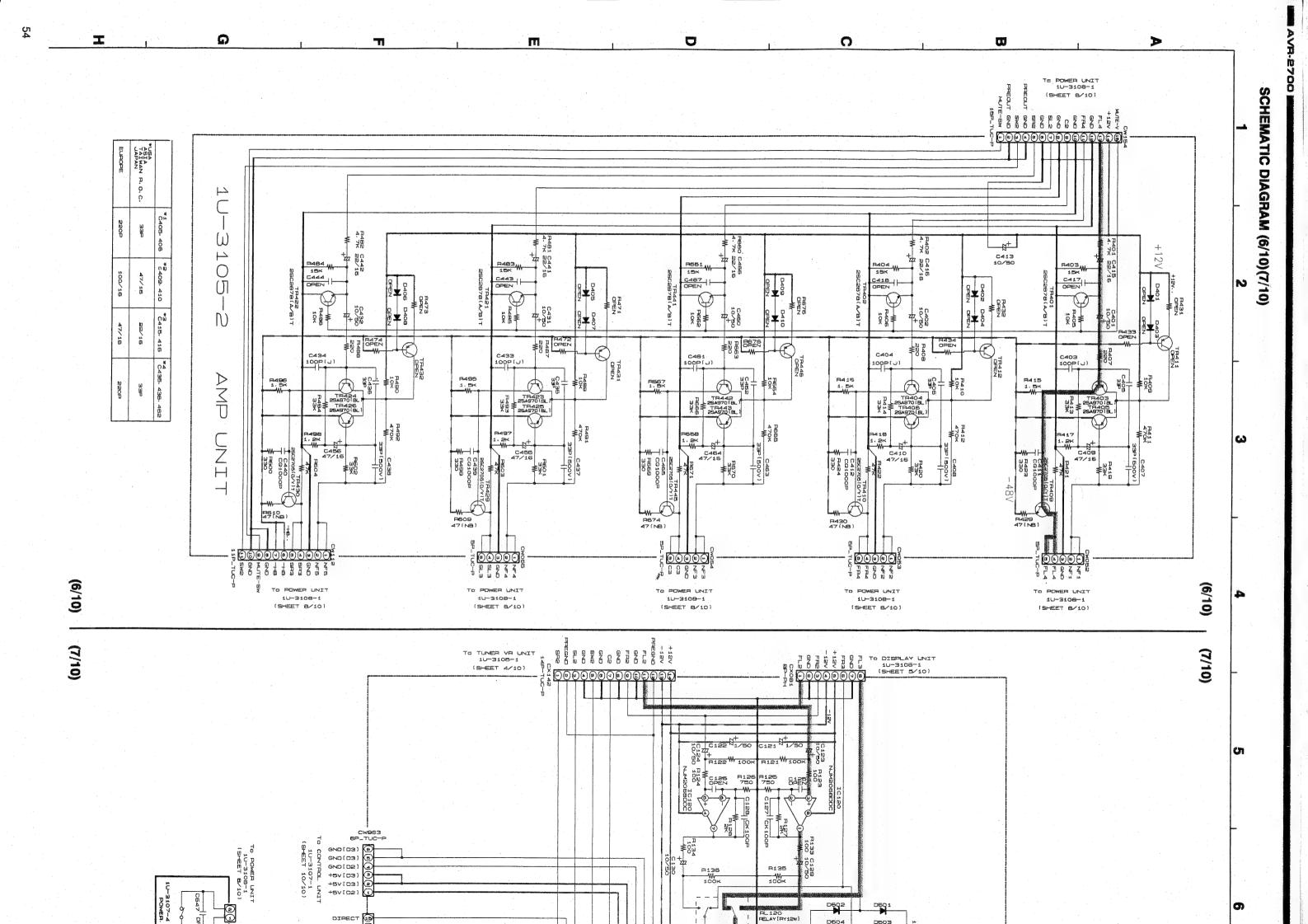


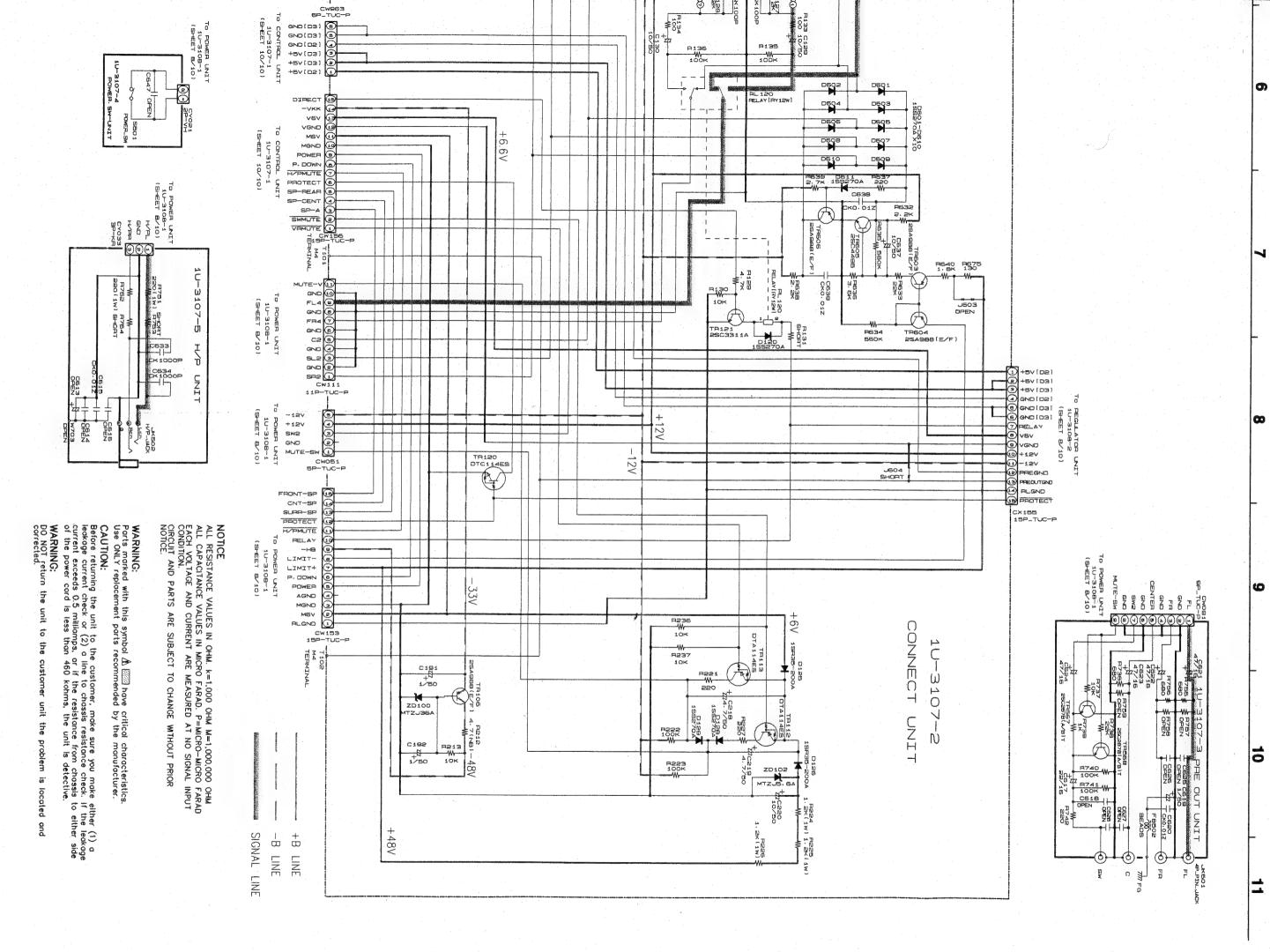


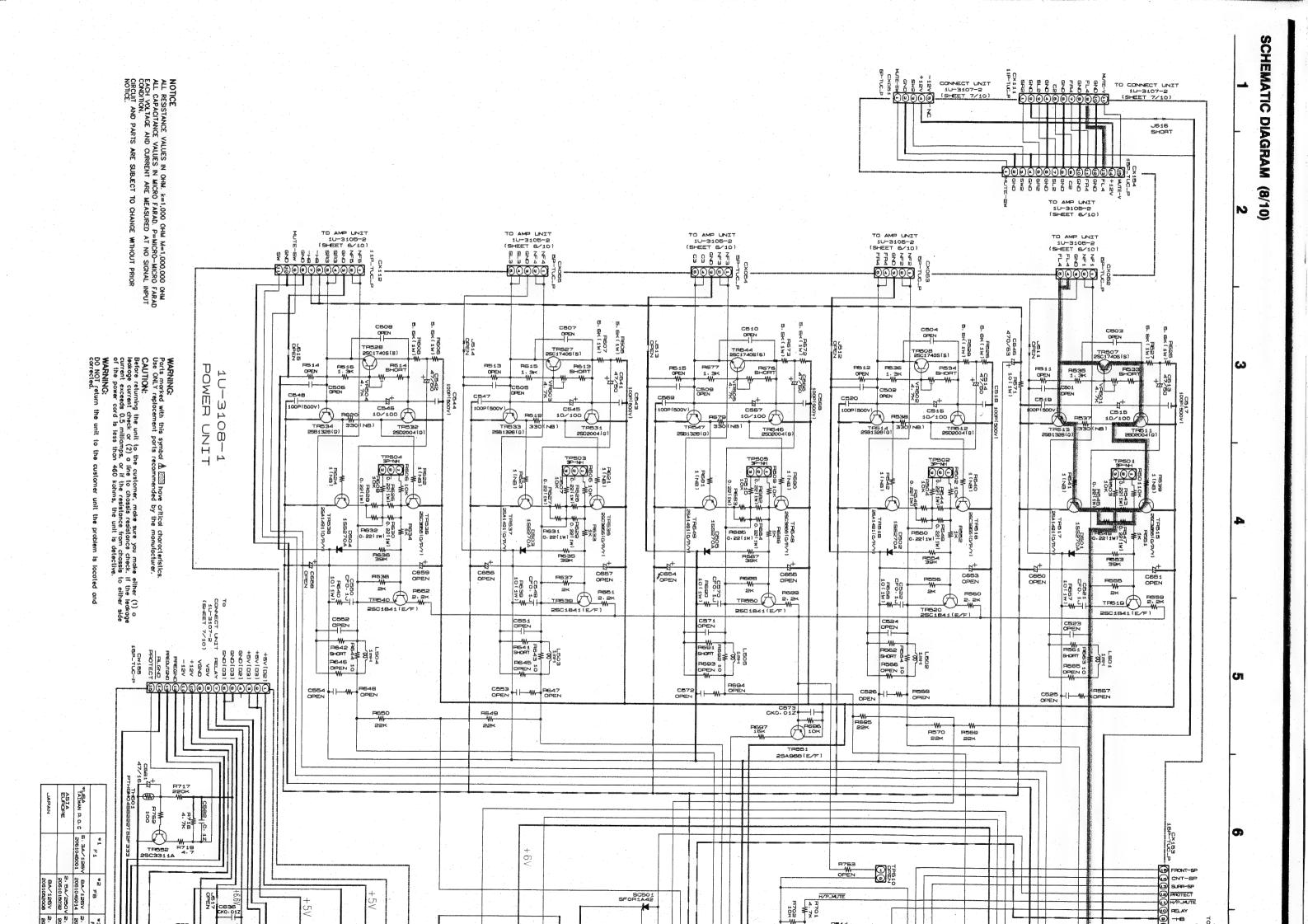


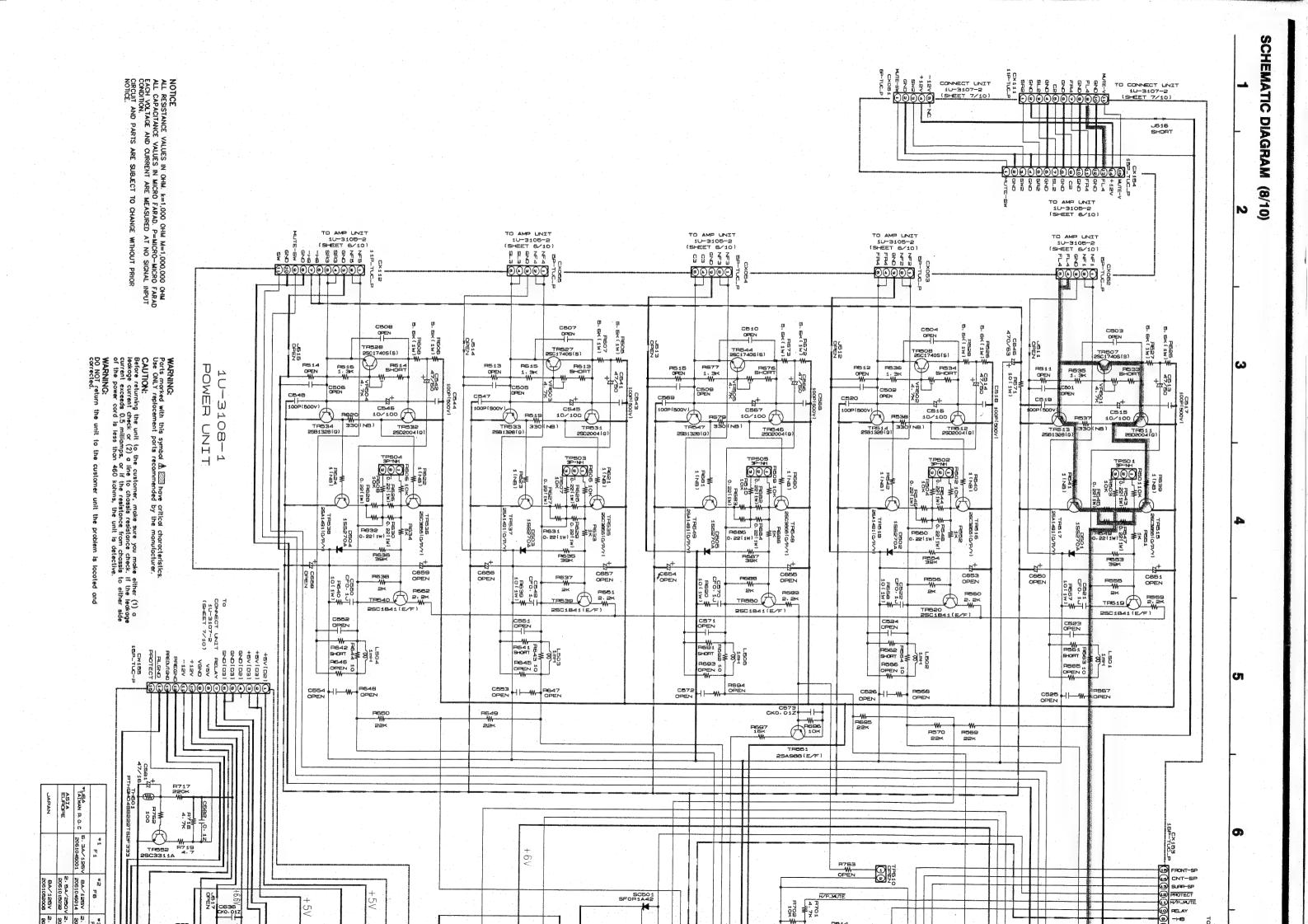


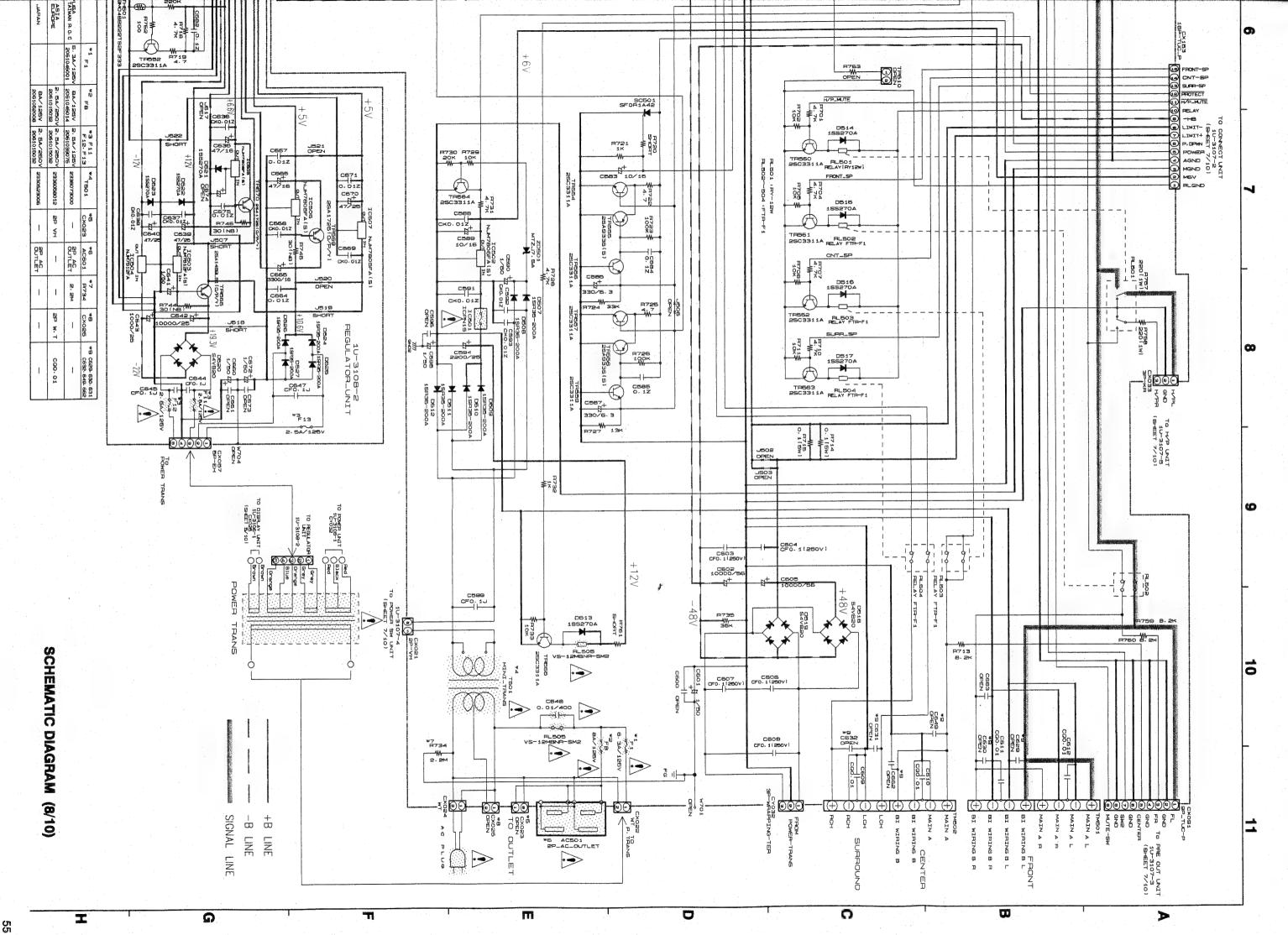


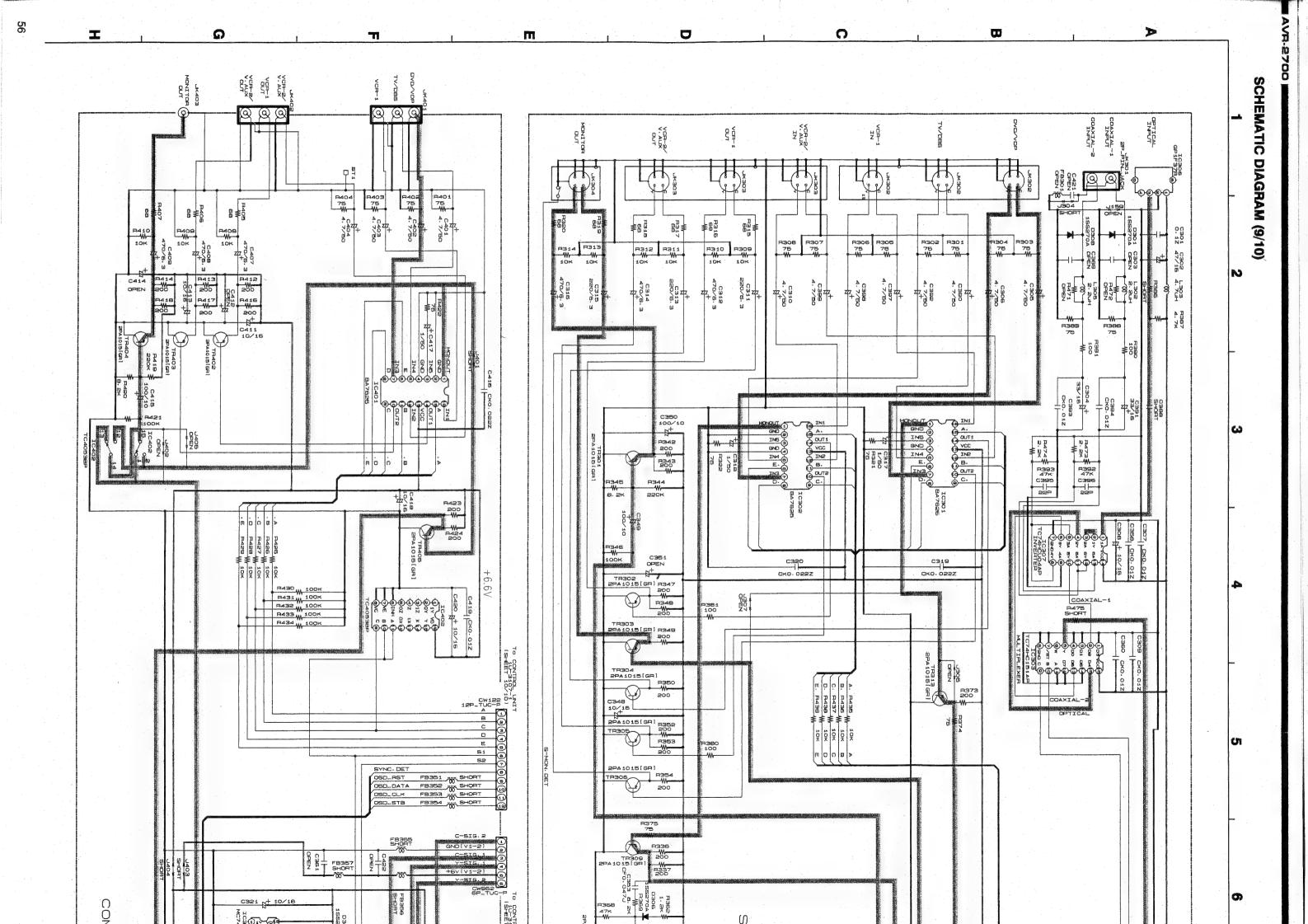


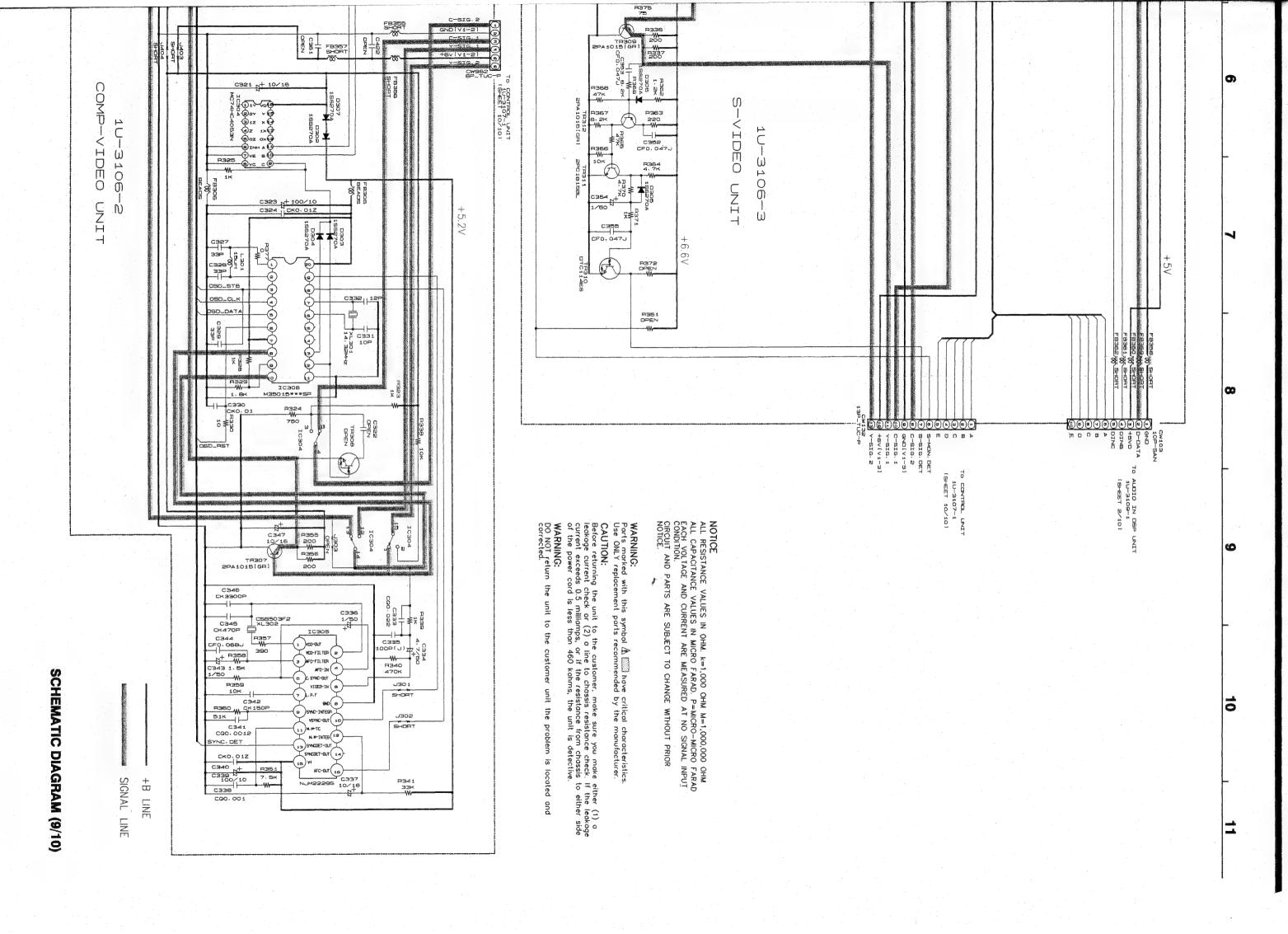


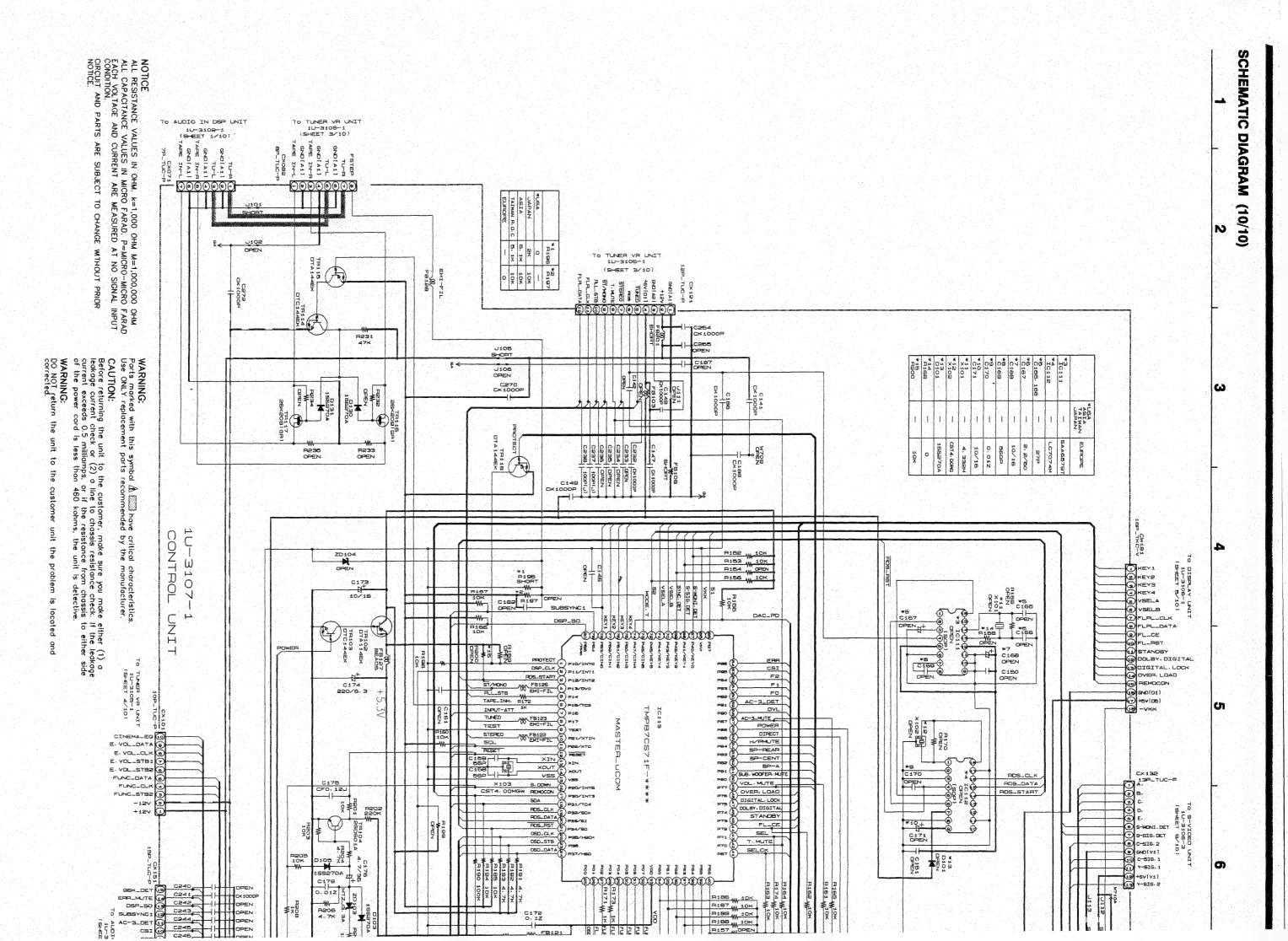




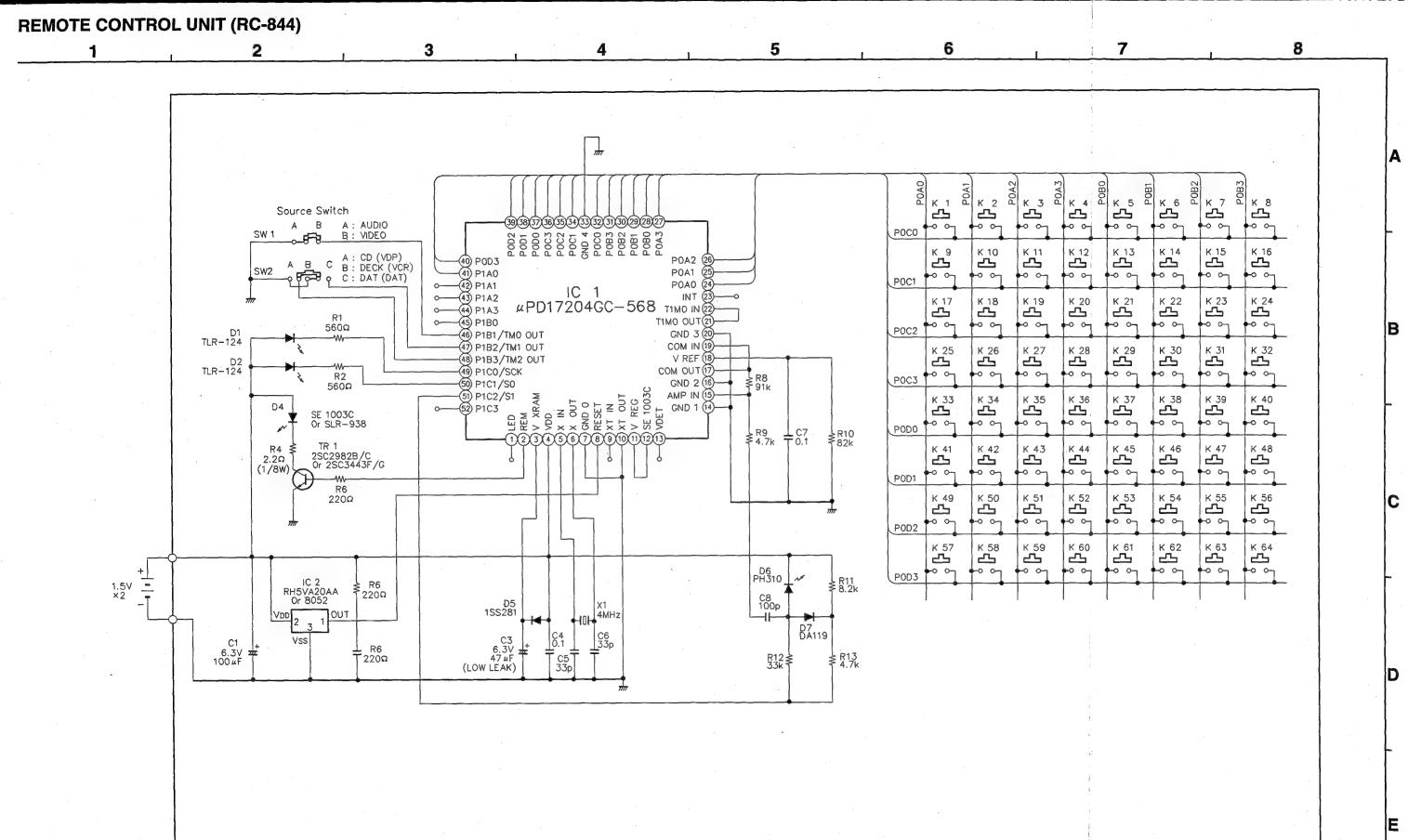


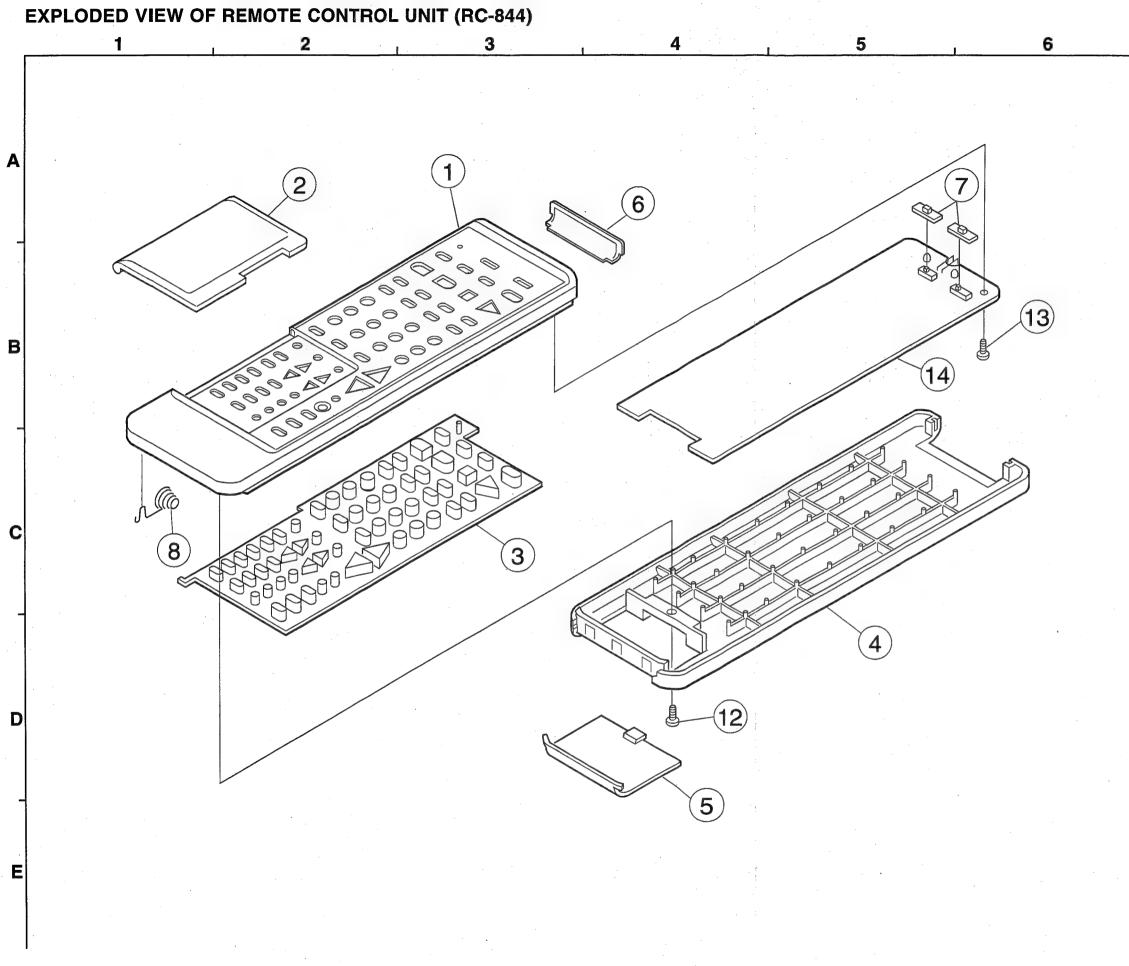






SCHEMATIC DIAGRAM (10/10)





PARTS LIST OF REMOTE CONTROL UNIT (RC-844)

(RC-84	4)			
Ref. No.	Part No.	Part Name	Remarks	Q'ty
1	9H3 1000 188	Top Case (RC844) Ass'y	ļ	1s
2	9H3 1000 168	Cover		1
3	9H3 1000 182	Switch Rubber		1
4	9H3 1000 166	Bottom Case		1
5	9H3 1000 167	Battery Cover		1
6	9H3 1000 148	Filter		1
7	9H3 1000 150			2
8	9H3 1000 152			1
12	1	Tapping Screw 2x5		1
13	1	Tapping Screw 2x5		1
14	9H3 1000 195	Main P.W.B. Ass'y		
IC1	9H3 1000 194	IC μPD17204GC-568	μ-Com	1
IC2	9H3 1000 158	IC RH5VA10AA	vol.Detector	1
Q1	9H3 1000 070	Transistor 2SC2982	Chip	1
51.0			Visible-Red	2
D1,2	9H3 1000 028	LED ILR124 LED SE1003-C	Inflared	1
D4 D5	9H3 1000 131		Illiaieu	1
D6	9H3 1000 087		Photo-PIN	1
D7	9H3 1000 029		Chip	1
D7	9113 1000 071	Diode DATT9	Cilip	'
X1	9H3 1000 088	Ceramic Resonator	KBR4.0M503	1
SW1	9H3 1000 089	Slide Switch		1
SW2	9H3 1000 074	Slide Switch		1
C1	254 4213 034	Electrolytic 100µF/6.3V	CE04W0J101M	1
C3	254 4213 021	Electrolytic 47µF/6.3V	CE04W0J470M	1
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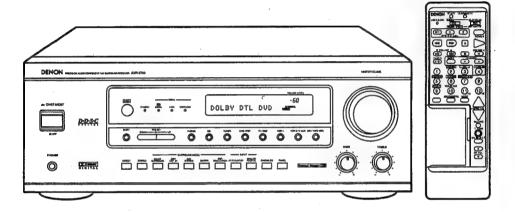
DENON

Hi-Fi AV Surround Receiver

SERVICE MANUAL

For Europe Model MODEL AVR-2700

AV SURROUND RECEIVER



This service manual is supplement for Europe model. For servicing, refer to the service manual of AVR-2700 (For U.S.A. model) already issued at the same time.

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SCHEMATIC DIAGRAM	
EXPLODED VIEW OF CHASSIS AND CABINET	
ADDENDUM PARTS LIST OF EXPLODED VIEW	

• Some illustrations using in this service manual are slightly different from the actual set.

NIPPON COLUMBIA CO., LTD.

SAFETY PRECAUTIONS

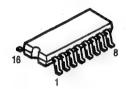
The following check should be performed for the continued protection of the customer and service technician.

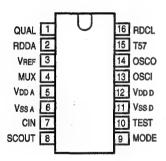
LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

ADDITIONAL SEMICONDUCTORS

SAA6579T (CO: IC111)

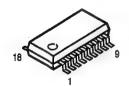


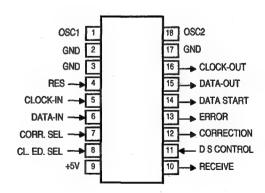


SAA6579T Terminal Function

Pin No.	Symbol	Function
1	QUAL	Quality indication output.
2	RDDA	RDS data output.
3	VREF	Reference voltage output (0.5 VDD A).
4	MUX	Multiplex signal input.
5	VDD A	+5V power supply for analog part.
6	Vss a	Ground for analog part (0V).
7	CIN	Subcarrier input to comparator.
8	SCOUT	Subcarrier ouput of reconstruction filter.
9	MODE	Oscillation mode/test control input.
10	TEST	Test enable input.
11	Vssp	Ground for digital part (0V).
12	V _{DD} D	+5V power supply for digital part.
13	OSCI	Oscillator input.
14	osco	Oscillator output.
15	T57	57kHz clock signal output.
16	RDCL	RDS clock output.

LC7074M (CO: IC112)





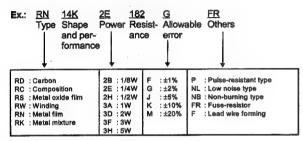
NOTE FOR PARTS LIST

- Part indicated with the mark "O" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:

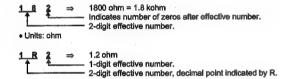
Parts marked with this symbol \triangle have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

Resistors

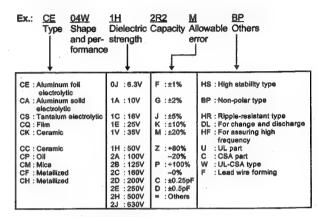


sk Resistance

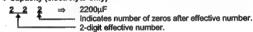
Units: ohm



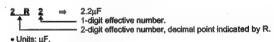
Capacitors



* Capacity (electrolyte only)



• Units: μF.



* Capacity (except electrolyte)

2 2 ⇒ 2200pF=0.0022μF

(More than 2)—Indicates number of zeros after effective number.

2-digit effective number.

• Units: μF.

2 2 3 220pF Indicates number of zeros after effective number.

2-digit effective number.

 When the dielectric strength is indicated in AC, "AC" is included after the dieelectric strength value.

ADDENDUM PARTS LIST OF P.W.B. UNIT ASS'Y 1U-3105 TUNER AMP. UNIT A'SSY

		U.S.A. Model	Europe Model		
Ref. No.	Part No. Part Name		Part No. Part Name		
	1U-3105	Tuner amp. unit ass'y	1U-3105B	Tuner amp. unit ass'y	
IC501	216 0102 008	Front end	216 9013 004	FM front end (U) S	
TR501		_	275 0074 902	FET 2SK211-Y/GR	
R502			247 0018 905	Carbon chip 0 ohm 1/10W±10%	
R515	247 0005 905	Carbon chip 100 ohm 1/10W ±5%	247 0011 928	Carbon chip 39 kohm 1/10W±5%	
R516	247 0007 945	Carbon chip 1 kohm 1/10W ±5%	247. 0006 920	Carbon chip 330 ohm 1/10W ±5%	
R517	_	-	247 0006 920	Carbon chip 330 ohm 1/10W ±5%	
R535	247 0010 945	Carbon chip 18 kohm 1/10W ±5%	_	-	
R536	247 0018 905	Carbon chip 0 ohm 1/10W ±10%	247 0008 944	Carbon chip 2.7 kohm 1/10W ±5%	
R544,545	247 0012 927	Carbon chip 100 kohm 1/10W ±5%	247 0012 969	Carbon chip 150 kohm 1/10W±5%	
R555,556	247 0009 927	Carbon chip 5.6 kohm 1/10W ±5%	247 0008 960	Carbon chip 3.3 kohm 1/10W ±5%	
R575,576	247 0012 943	Carbon chip 120 kohm 1/10W ±5%	247 0012 998	Carbon chip 200 kohm 1/10W ±5%	
R579~581	247 0018 905	Carbon chip 0 ohm 1/10W ±10%	_	<u> </u>	
R645			247 0009 985	Carbon chip 10 kohm 1/10W ±5%	
		_	247 0009 903		
R646	_	_	247 0009 927	Carbon chip 5.6 kohm 1/10W ±5%	
R705,706	247 0006 962	Carbon chip 470 ohm 1/10W ±5%	247 0005 905	Carbon chip 100 ohm 1/10W ±5%	
R721,722	247 0006 962	Carbon chip 470 ohm 1/10W ±5%	247 0005 905	Carbon chip 100 ohm 1/10W ±5%	
R737,738	247 0006 962	Carbon chip 470 ohm 1/10W ±5%	247 0005 905	Carbon chip 100 ohm 1/10W ±5%	
R793~798	247 0018 905	Carbon chip 0 ohm 1/10W ±10%	247 0006 962	Carbon chip 470 ohm 1/10W ±5%	
C405,406	253 4537 924	Ceramic 33 pF/50V ±5%	253 1179 945	Ceramic 220 pF/50V ±10%	
C409,410	254 4254 938	Electrolytic 47 µF/16V ±20%	254 4254 941	Electrolytic 100 µF/16V ±20%	
C415,416	254 4254 912	Electrolytic 22 µF/16V ±20%	254 4254 938	Electrolytic 47 µF/16V ±20%	
C435,436	253 4537 924	Ceramic 33 pF/50V ±5%	253 1179 945	Ceramic 220 pF/50V ±10%	
C462	253 4537 924	Ceramic 33 pF/50V ±5%	253 1179 945	Ceramic 220 pF/50V ±10%	
C518	_	_	257 0005 960	Ceramic chip 270 pF/50V ±5%	
C519	_		257 0004 961	Ceramic chip 100 pF/50V ±5%	
C527	254 4260 948	Electrolytic 1 μF/50V ±20%		Electrolytic 0.33 µF/50V ±20%	
C536	257 0004 961	Ceramic chip 100 pF/50V ±5%	_		
C537	_		254 4254 912	Electrolytic 22 μF/16V ±20%	
C539,540	257 0006 972	Ceramic chip 750 pF/50V ±5%	257 0005 986	Ceramic chip 330 pF/50V ±5%	
C564,565	_	——————————————————————————————————————	257 0005 986	Ceramic chip 330 pF/50V ±5%	
		•			
C701,702	_	- :	257 0005 986	Ceramic chip 330 pF/50V ±5%	
C715,716	_	_	257 0005 986	Ceramic chip 330 pF/50V ±5%	
C729,730	_		257 0005 986	Ceramic chip 330 pF/50V ±5%	
CF501	261 0135 907	Ceramic filter MA8	261 0146 006	Ceramic filter FMCFSK107M2-A	
CF502	261 0136 906	Ceramic filter MS2G	261 0146 006	Ceramic filter FMCFSK107M2-A	
LF501	_	_	232 9010 009	Antibirdie filter	
LF503,504	_	· —	232 0085 004	LPF	

1U-3106 DISPLAY VIDEO UNIT ASS'Y

Ref. No. Part		U.S.A. Model		Europe Model
	Part No.	Part Name	Part No.	Part Name
	1U-3106	Display video unit ass'y	1U-3106B	Display video unit ass'y
C205,206	253 4537 924	Ceramic 33 pF/50V ±5%	253 1179 987	Ceramic 470 pF/50V ±10%

1U-3107 CONTROL UNIT ASS'Y

		U.S.A. Model		Europe Model	
Ref. No.	Part No. Part Name		Part No.	Part Name	
	1U-3107	Control unit ass'y	1U-3107B	Control unit ass'y	
IC111			262 1701 906	IC SAA6579T	
IC112	-	-	262 1929 908	IC LC7074M-TE-R	
D101	_	_	276 0432 903	Diode 1SS270A	
R168		_	247 0018 905	Carbon chip 0 ohm 1/10W ±10%	
R196	_	Short	_	Open	
R197		Open	_	Short	
R200		 •	247 0009 985	Carbon chip 10 kohm 1/10W ±5%	
C165,166		_	257 0003 920	Ceramic chip 27 pF/50V ±5%	
C167	_	<u> </u>	254 4260 951	Electrolytic 2.2 µF/50V ±20%	
C168	-	_	254 4254 909	Electrolytic 10 µF/16V ±20%	
C169	_	<u> </u>	257 0006 943	Ceramic chip 560 pF/50V ±5%	
C170			257 0012 966	Ceramic chip 0.01 μF/50V 80%, ±20%	
C171			254 4254 909	Electrolytic 10 µF/16V ±20%	
C186	257 0008 983	Ceramic chip 1000 pF/50V±5%	— .	-	
X101	_	<u> </u>	399 0178 007	Crystal 4.332 MHz	
X102	_	_	399 0191 903	Ceramic 4.00 MHz	

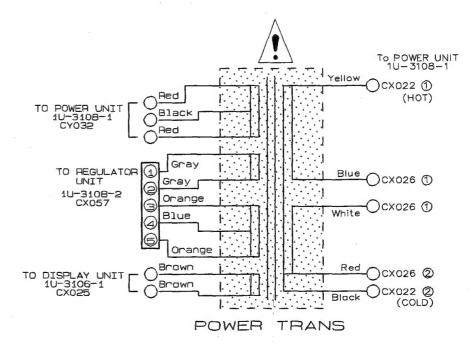
1U-3109 AUDIO IN DSP UNIT ASS'Y

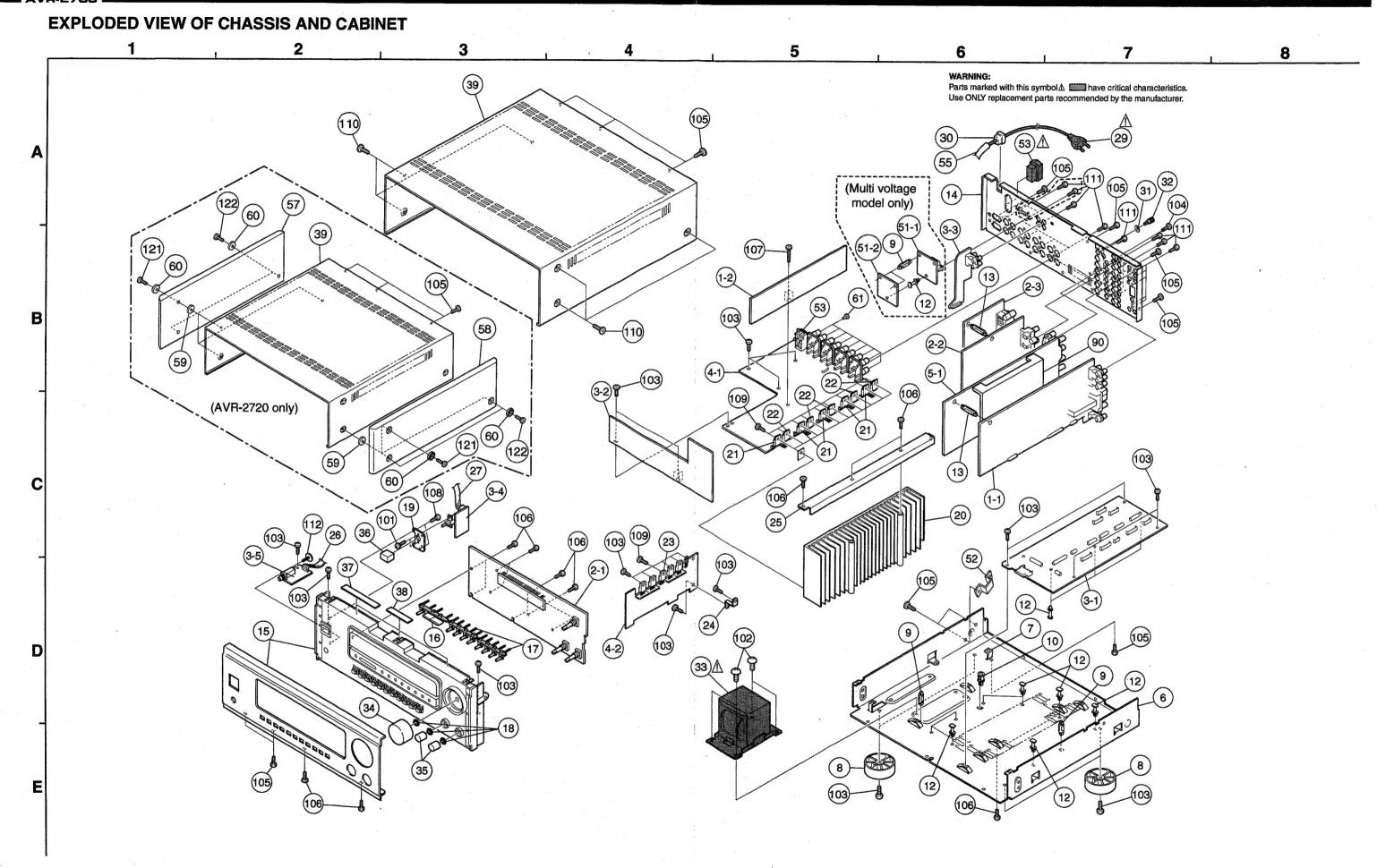
Def No		U.S.A. Model	Europe Model	
Ref. No.	Part No.	Part Name	Part No.	Part Name
	1U-3109	Audio in DSP unit ass'y	1U-3109A	Audio in DSP unit ass'y
R601,602	247 0018 905	Carbon chip 0 ohm 1/10W ±10%	247 0007 974	Carbon chip 1.3 kohm 1/10W ±5%
C509~512	_	<u> </u>	257 0004 961	Ceramic chip 100 pF/50V ±5%
C617~626	_ `	—	257 0005 986	Ceramic chip 330 pF/50V ±5%
C661,662	_	_	257 0004 961	Ceramic chip 100 pF/50V ±5%
C887		<u> </u>	257 0008 983	Ceramic chip 1000 pF/50V ±5%
C888,889	257 0008 983	Ceramic chip 1000 pF/50V ±5%	_	-
C945	-	_	257 0004 987	Ceramic chip 120 pF/50V ±5%
C996		_	247 0018 905	Carbon chip 0 ohm 1/10W ±10%
LF601,602	_	_	235 9003 002	FTZ choke coil
W702,703	. 	_	001 0025 017	Vinyl wire
_			414 0851 005	Shield bracket
_	_	_	203 0312 038	Wire ass.

1U-3108 POWER AMP, UNIT ASS'Y

D-4 N-	U.S.A. Model			Europe Model					
Ref. No.	Part No. Part Name		Pa	rt No.	Part Name	Remarks			
	1U-3108	Power amp. unit ass'y	10-3	108B	Power amp. unit ass'y				
R734	242 2009 001	Composition 2.2 Mohm 1/2W ±10%		_	_				
AAC501	203 3976 002	AC cubel (2P)			_				
CX23	_		205	0581 001	2P VH connector base				
CX26		_	205	0348 024	2P wrapping terminal				
ΔF1	206 1046 001	Fuse 6.3A UL 20mm OF 1 TO SEE THE SEE	206	1015 074	Fuse 3.15A				
∆F8	206 1046 014	Fase 8A	236	1015 032	Fise 25A				
ΔF11,12	206 1039 076	Fuse 2.5A	206	1015 032	Fuse 25A				
AF13	206 1039 076	Fuse 254	206	1015 032	Fise 25A				
AT501	233 6073 000	Power trans (Mini)—EU	233	5058 012	Power trans. (Mini)—E2				
	_	_	415	0299 000	Condenser cover	for C684			
	_	<u> </u>	513	2585 045	Fuse label	for F1			
	_	`	513	2585 074	Fuse label	for F8,11,12,13			

SCHEMATIC DIAGRAM (POWER TRANS)





ADDENDUM PARTS LIST OF EXPLODED VIEW

		U.S.A. Model	Europe Model		
Ref. No.	Part Name	Part No.		Part No.	Q'ty
14	Back panel	105 1281 000		105 1281 039	
15	Inner panel ass'y	146 2065 019		146 2065 048	
Δ 29	AC cord	206 2060 002		206 2063 009	
Δ 33	Power trans.	233 6253 008		233 6254 007	
52	Side bracket	_		412 2955 107	
A 53	AC outlet	203 3976 002		203 3942 007	
54	3P VH connector cord	-		203 5177 016	
55	UL tube (8.3)			415 0546 070	
56	Caution label	513 3156 004		-	
61	Push rivet	<u> </u>		477 0096 007	16
90	Earth plate	_		414 0852 004	
105	Screw 3×8 CBTS(S)-B	473 7015 018	11	473 7015 018	13
111	Fixing screw	477 0064 107	23	477 0064 107	21
205	Instruction manual	511 3263 001		511 3286 004	
208	RC-844 remocon unit	399 0498 004		<u> </u>	
208	RC-845 remocon unit	_		399 0498 017	
214	UPC label	517 1318 066			1
214	E2 POS label			517 1356 031	
224	DEL warranty home	515 0690 307		_	